CA2 ALPH
A56
1968
c.2

ALBERTA LEGISLATURE LIBRARY 7
3 3398 00413 3004

LEGISLATURE LIBRARY
JAN - 4 1971
CANADIANA
MAY - 6 2015
EDMONTON

ANNUAL REPORT

OF THE

Department of Health

INCLUDING

Vital Statistics Division

PROVINCE OF ALBERTA

1968

PUBLISHED BY ORDER OF THE LEGISLATIVE ASSEMBLY

EDMONTON, ALBERTA
Printed by L. S. WALL, Printer to the Queen's Most Excellent Majesty
1970

Digitized by the Internet Archive
in 2020 with funding from
Legislative Assembly of Alberta - Alberta Legislature Library

ANNUAL REPORT

OF THE

Department of Health

INCLUDING

Vital Statistics Division

PROVINCE OF ALBERTA

1968

PUBLISHED BY ORDER OF THE LEGISLATIVE ASSEMBLY

EDMONTON, ALBERTA
Printed by L. S. WALL, Printer to the Queen's Most Excellent Majesty
1970

November 30, 1969.

TO HIS HONOUR,
J. W. GRANT MacEWAN,
Lieutenant Governor of the Province of Alberta.

SIR:

I have the honour to transmit herewith the Annual Report of the Department of Health for the year 1968.

I have the honour to be, Sir,

Your obedient Servant,
J. D. HENDERSON,
Minister of Health.

November 30, 1969.

TO THE HONOURABLE MR. J. D. HENDERSON,
MINISTER OF HEALTH,
Legislative Building, Edmonton, Alberta.

SIR:

I have the honour to submit herewith the Fiftieth Annual Report of the Department of Health.

I have the honour to be, Sir,

Your obedient Servant,
P. B. Rose, M.D.,
Deputy Minister of Health.

CONTENTS

PART I

Page

Summary 10

Division of Local Health Services 17
  Communicable Diseases 18
  Health Units 30
  Public Health Nursing 31
  Dental Health Services 34
  Health Education 37
  Nutrition Services 39

Division of Medical Services 41
  Emergency Health Services 41
  Special Handicapped Children's Program 41
  Registry for Handicapped Children and Adults 42
  Cystic Fibrosis Program 42
  Diabetic Treatment Program 42
  Phenylketonuria Program 42
  Rheumatic Fever Program 42
  Emergency Air Ambulance Service 43
  Poliomyelitis Treatment Program 43
  Treatment Services for Social Service Recipients 43
  Schools for Nursing Aides 44
  Registry for Nursing Aides 44
  Health Careers Recruitment Program 44
  Laboratory and X-Ray School 44
  Northern Alberta Health Services 44
  Cerebral Palsy Clinic 45
  Poison Control Service 46
  Civil Service Nurse 48

Division of Epidemiology 49

Division of Cancer Services 50

Division of Social Hygiene 52

Provincial Laboratories 57

Division of Environmental Health Services 61

Division of Industrial Health Services 77

Division of Alcoholism 79

Division of Arthritis Services 83

Alberta Health Plan Division 84

Division of Tuberculosis Control 86

Division of Mental Health 100
  Alberta Guidance Clinics 114
  Active Treatment Hospitals 119
    Alberta Hospital, Ponoka 120
    Alberta Hospital, Edmonton 129
  Continued Treatment Hospitals 139
    Alberta Hospital, Claresholm 139
    Alberta Hospital, Raymond 143
    Rosehaven, Camrose 146
  Institutions for Mental Defectives
    Alberta School Hospital, Red Deer 149
    Deerhome, Red Deer 156
  Unit for Emotionally Disturbed Children
    Linden House, Red Deer 162
  Eugenics Board 166

National Health Grants 167

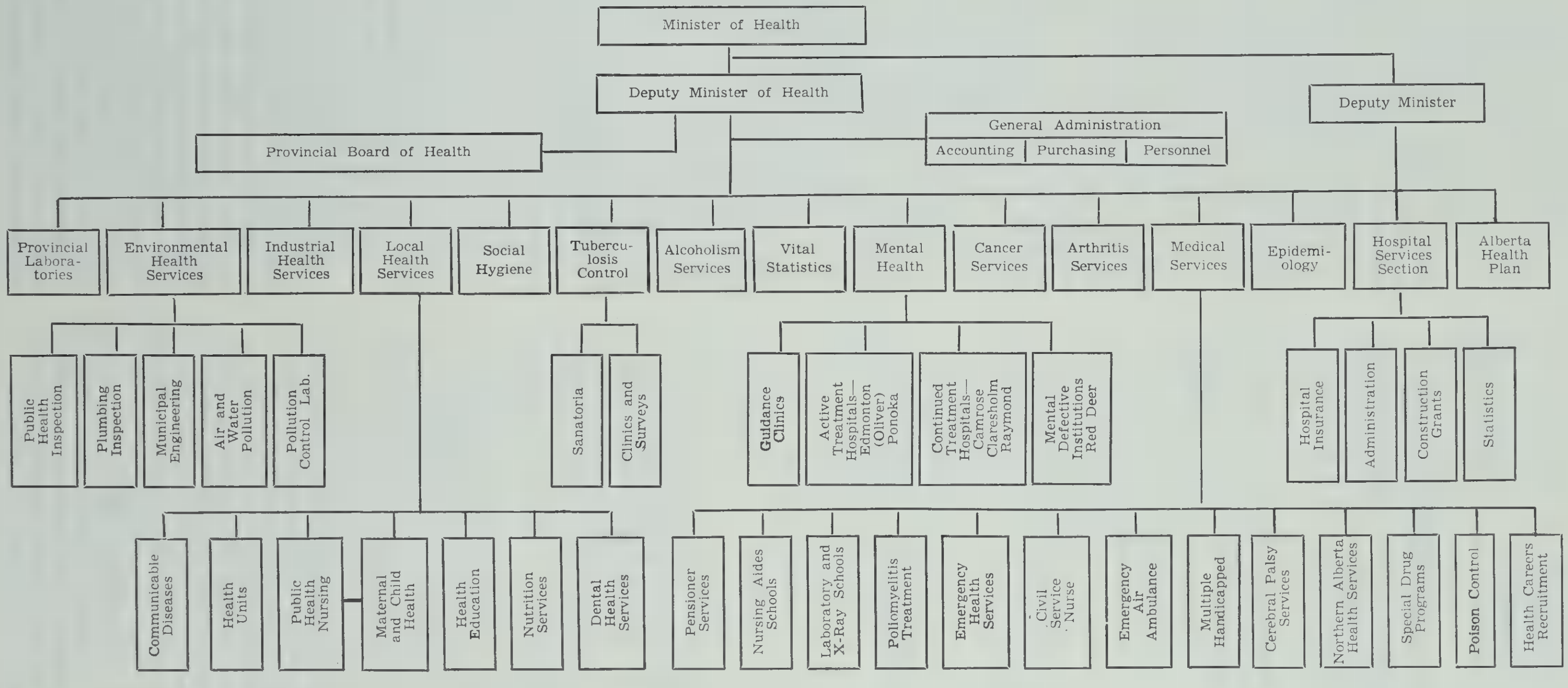
Blood Transfusion Service 168

PART II

Vital Statistics . . . . . (See separate Contents Page)

Note: See separate publication covering Annual Report of the Hospital Services Section for the year 1968.

Department of Health—Alberta
DIVISIONAL ORGANIZATION
December – 1968



PROVINCIAL BOARD OF HEALTH

The Provincial Board of Health met on nine occasions during 1968 and continued its activities in the broad field of human health.

There was no change in Board membership during the year. Dr. P. B. Rose, Provincial Medical Officer of Health, continued as Chairman with Dr. J. M. S. Dixon, Provincial Bacteriologist, and Mr. H. L. Hogge, Provincial Sanitary Engineer, as members. Mr. L. E. Stewart, Chief Public Health Inspector, acted as Secretary.

Regulations Passed or Amended During the Year

Alberta Regulation 111/68 (O.C. 608-68). Amendments to Regulations Regarding Plumbing and Drainage. The changes provide for the use of plastic pipe in plumbing installations, provide for improved administration and brought the regulations in line with good trade practice.

Alberta Regulations 125/68 and 264/68 (O.C.'s 701-68 and 1538-68). New Regulations for the Control of Refuse Disposal Systems. These regulations were recommended by a study committee set up by the Minister of Health to review refuse disposal practices. The new regulations require improved procedures in refuse disposal arrangements.

Alberta Regulation 165/68 (O.C. 1005-68). Amendment to Regulations Governing Certificates, Permits and General Administration. This amendment covers the matter of provincial Board of Health signing authorities and makes the Regulations agree with the Public Health Act.

Alberta Regulation 166/68 (O.C. 1006-68). Amendments to Regulations for the Control of Communicable Disease. These amendments provide for the release from surveillance and restriction of persons who are no longer carriers of paratyphoid and typhoid.

Alberta Regulation 167/68 (O.C. 1007-68). Amendments to Regulations Respecting Feed Lots, Pig Keeping, Fox Farms and Fur Farms. One change provides that the requirement that a feed lot or piggery may not be constructed within 1,500 feet of a dwelling except with the permission of the Provincial Board of Health shall not apply where the dwelling is owned by the feed lot owner. Another change provides that if a feed lot or piggery does not operate for two years and is reopened it shall be considered to be a new operation.

Alberta Regulations 168/68, 190/68 and 263/68 (O.C.'s 1008-68, 1109-68 and 1537-68). Amendments to Regulations Respecting Fluid Milk. These amendments have brought up-to-date the procedure for examination for added water, have clarified the requirements concerning labelling and have introduced an improved bacteriological standard for acceptable milk. Authority has been included so that Inspectors of the Department of Agriculture may make inspections for administration of the regulations where the responsibility for supervision of fluid milk is transferred to the Department of Agriculture.

Alberta Regulation 169/68 (O.C. 1009-68). New Regulations Relating to Funerals and to the Preparation of Dead Bodies for Interment, Cremation and Transportation. These replaced former regulations bringing the requirements up-to-date.

Alberta Regulation 170/68 (O.C. 1010-68). Amendment to Regulations Respecting Nuisances and General Sanitation. This amendment provides that where any public place is required by regulation to have toilet facilities such facilities shall be accessible to the public.

Alberta Regulation 171/68 (O.C. 1011-68). Amendments to Regulations Respecting the Use of Pesticides. These amendments cover the matter of record keeping by persons engaged in the aerial application of pesticides.

Alberta Regulation 189/68 (O.C. 1108-68). Amendment to Regulations Respecting Bathing Places and Man-Made Beaches. A section has been added to provide that bathing areas may be defined by ropes and buoys and in such cases shall be restricted to swimmers and bathers.

Alberta Regulation 261/68 (O.C. 1535-68). Amendment to Regulations for the Control of Air Pollution. This amendment requires that incinerators be constructed in accordance with standards approved by the Provincial Board of Health.

Alberta Regulations 262/68 and 429/68 (O.C.'s 1536-68 and 2338-68). New Regulations Respecting Bedding and Upholstered and Stuffed Articles. These regulations provide for the registering of premises used for the manufacture and renovation of bedding and upholstered articles. The regulations also require labelling to indicate that new material has been used, etc.

Alberta Regulation 265/68 (O.C. 1539-68). Amendment to Regulations Governing Restaurants. A section has been altered to clarify the requirements as to the finish of walls and ceilings in kitchens and food store rooms.

Alberta Regulations 266/68 and 382/68 (O.C.'s 1999-68 and 2165-68). New Regulations Respecting Housing. These regulations resulted from recommendations made by a committee of medical officers. The regulations establish minimum standards for housing and also clarify the procedure for condemnation of dwellings. Sections of the Regulations Respecting Nuisances and General Sanitation dealing with housing are to be rescinded on the effective date of the new regulations, May 1, 1970.

In addition to the changes in regulations referred to above, the Board also published certain standards for the guidance of persons and agencies concerned with the particular subject. These included Incinerator Standards for the Province of Alberta and Design and Operating Standards for Sanitary Landfills. The Board also directed the preparation of a brochure on Modified Landfills.

Early in the year the Board was informed that there had been a serious oil spill at the plant of Great Canadian Oil Sands Limited adjacent to the Athabasca River north of Fort McMurray. In view of the proximity to the river the Board issued an order to the company requiring that the oil spill be cleaned up and that the river be protected from the results of the spill. This order was approved by Order in Council 1004-68 and filed as Alberta Regulation 164/68. The company complied with the Board's order.

On September 9, 1968, the Board met to consider a specific case of air pollution. Instructions had been given to W. R. Zeidler (1962) Ltd. to require the installation of a filter unit to control dust emission. The time given for compliance had elapsed. On the advice of a solicitor from the Department of the Attorney General the Board issued an order to the company. This order was approved by Order in Council 1772-68. The company complied.

On February 22, 1968, the Provincial Board of Health and the Solid Wastes Disposal Study Committee met jointly. This meeting was held to discuss the recommendations being made by the Solid Wastes Disposal Study Committee and resulted in the preparation of the new Regulations for the Control of Solid Refuse Disposal which have been referred to earlier in this report.

The Alberta Advisory Committee on Pollution Control, Technical Subcommittee on Water Pollution Control – Oldman River met with the Board on May 2, 1968, and discussed questions in regard to pollution in the Oldman River. This meeting was useful as a preliminary to consideration of the role of this river and the control of sources of pollution.

During the year there were a number of cases of persons who were suffering or believed to be suffering from tuberculosis in an infectious form reported to the Board. After investigation of each case the Board issued 12 orders covering the removal of the persons concerned to hospitals and sanatoria for treatment or examinations. These orders are issued under authority contained in the Communicable Disease Regulations where treatment or examination is refused. Three such orders were issued in 1967, four in 1966, eight in 1965 and thirteen in 1964.

Thirty-three persons, employees of the Provincial Department of Health and Municipal Nurses, were appointed to be Executive Officers of the Provincial Board of Health during 1968. There were five cancellations during the year and at the year's end 73 such appointments were in effect. The increase can be attributed in part to the fact that a number of these authorizations were issued during the year to employees engaged in pollution control.

During the year 116 nurses employed by Health Authorities throughout the Province were certified by the Provincial Board of Health to be capable of performing inoculations and vaccinations in accordance with section 41 of The Public Health Act. Certifications previously issued to 63 persons were returned. At the year's end 512 were in effect.

As has been noted heretofore in this report there were several changes in regulations during the year. The Board also gave consideration to certain other parts of its regulations with a view to possible changes. At the year's end reviews were under way on the Regulations Respecting Water and Ice, Regulations Governing Trailer Coach Parks and Regulations Respecting Feed Lots, Pig Keeping, Fox Farms and Fur Farms.

In addition to the specific cases of pollution control referred to earlier in this report, the Board continued its interest in all aspects of air, water and ground pollution. Amongst other activities in these fields the Board issued instructions to the City of Lethbridge and to the Towns of Athabasca, Cardston, Peace River, Rocky Mountain House and Taber to provide or to improve sewage treatment facilities. The Board had correspondence with the Town of Wainwright preliminary to the issuing of instructions. Following representations made by the Board information was received from the Department of Indian Affairs and National Development that sewage treatment facilities are planned for the townsites of Banff and Jasper as part of a five-year development plan. The Board drew to the attention of the Department of Indian Affairs and National Development and the Department of National Health and Welfare the serious urgency of these matters.

Many other matters were considered by the Provincial Board of Health during the year. These included the display of frozen food in food stores, the sale of farm slaughtered meat, the disposal of old car bodies, the location of proposed refineries adjacent to the City of Edmonton, the qualification of Public Health Inspectors, the minimum age of lifeguards at public pools, the treatment of water at private pools, sanitation at oil well drilling locations and with the co-operation of the Department of Education the use and labelling of ink eradicators containing poisonous ingredients in schools. In these and other matters the Board gave assistance and guidance to the various divisions of the Department of Health and to Local Health Authorities designed to make available higher standards of health throughout the Province.

Legislation Passed During the Year

The Dental Association Act Amendment Act (Chapter 18)

Section 5 allows for increase in board of directors.

Section 6 by by-law allows for change in number of electoral districts, number of directors and term of office of directors.

Section 9 permits the board to name president and vice president not necessarily at first meeting and specifies that the secretary-treasurer-registrar is not a member of the board.

Section 13, subsection (2) – fees set by by-law and confirmed by a majority at regular meeting.

Section 13, subsection (3) – by-law – no annual fee or reduced annual fee may be paid by life member.

Section 14 was repealed.

Sections 15, 16, 19 and 20 modified and clarified standards and procedures for registration.

Sections 22, 23c, 25, 27a, 27b and 28 – modifications of registrations, keeping of an annual register and courtesy register of members.

Section 33 specifies conditions and regulations concerning specialist qualifications.

Section 41 – updating of section dealing with dental hygienists.

Section 47 modifies powers of board in handling funds of association.

Section 48 – clarification of procedures re suspension of members.

Section 60 – procedure for reinstatement to the register.

This Act came into force on July 1, 1968.

The Alberta Health Plan Act Amendment Act (Chapter 38) and The Alberta Health Plan Act Amendment Act (No. 2) (Chapter 39)

Amendments were made to permit changes in amounts of subsidy available, the options subject to subsidy and the fee structure to allow for an increase in premium rates.

Some additional definitions were provided and other definitions were reworded and clarified.

Chapter 38 – Certain portions of this Act came into force on May 2, 1968, and others on a date to be fixed by Proclamation.

Chapter 39 – This Act comes into force on a date to be fixed by Proclamation.

The Medical Services (Alberta) Incorporated Act Amendment Act (Chapter 61)

A section was added to permit M.S.(A)I. to enter into agreements with the Alberta Hospital Association (Alberta Blue Cross), to act as an agent in various areas.

This Act came into force on May 2, 1968.

The Mental Health Act Amendment Act (Chapter 62)

Section 2(a) defines a "certificate".

Section 2(a1) is simply a relettering of an existing clause.

Section 2a excludes a person being dealt with under this Act because of immoral conduct.

Section 7 – the addition of (2a) limits the authority of a certificate under section 7 to 72 hours.

Section 8 specifies the use of a renewal certificate.

Section 9a(1)(a) provides for the admission of persons from a provincial gaol for medical examination.

Section 9a(1)(b) provides for the admission of persons in a penitentiary.

Section 9a(2) specifies certificates.

Section 11 simply inserts a renewal certificate for accuracy.

Section 17 – by eliminating "ought not to have been issued or that it", the duty of the review panel is limited to determining whether or not a certificate should be revoked.

Section 25 adds "renewal certificates" for greater accuracy.

Section 32 uses "a certificate of approval" to avoid confusion with other certificates.

Section 35 specifies the clauses under which certificates or renewal certificates may be issued and extends this clause to include the members of a review panel.

This Act came into force on April 25, 1968.

The Podiatry Act Amendment Act (Chapter 78)

Section 2, clause (c), redefines "certificate of approval for registration".

Section 4, subsection (1), clause (e) provides for an increase in annual fees.

Section 8, subsection (5), adjusts the fees for those seeking registration by examination.

This Act came into force on April 25, 1968.

The Psychiatric Nursing Training Act Amendment Act (Chapter 79)

Section 4, subsection (2) is amended by specifying the conditions under which a certificate in psychiatric nursing or mental deficiency nursing may be issued, or may be refused to be issued.

This Act came into force on April 25, 1968.

The Veterinary Surgeons Act Amendment Act (Chapter 103)

Most of the changes relate to either (a) recognition of a new veterinary college in Saskatchewan, or (b) corrections of references consequential of the passing of The Universities Act, Statutes of Alberta 1966, Chapter 105.

Section 28 takes cognizance of the fact that most veterinary courses are now four years in duration preceded by two years of pre-veterinary college or university training.

This Act came into force on April 25, 1968.

The following new appointment was made:

Dr. C. R. May, L.M.S.S.A.(Lond), D.I.H.(Lond), C.Rad.P., F.R.S.H. Director, Division of Industrial Health Services.

DEPARTMENT OF HEALTH

Revenue and Expenditure for Fiscal Year ending March 31, 1969

		Expenditure	Revenue
2401	Administration – General	$ 35,885.38	$ –
2402	Administration – General	286,343.65	15,786.56
2403	Epidemiology	47,515.03	–
2405	Vital Statistics	145,714.01	249,539.57
2408	Sundry Acts	1,094.14	–
2409	Civil Service Nurse	14,378.73	–
2410	Alcoholism	753,477.92	49,749.38
2411	Health Services – Extension Program	1,299,460.66	1,299,820.11
2414	Communicable Diseases	273,905.62	–
2415	Health Units & Grants for Public Health Services	2,095,376.14	850,147.33
2416	Municipal Nursing Service	167,078.06	63,707.13
2417	Dental Health Services	29,007.19	–
2418	Public Health Education	60,734.72	–
2422	Social Hygiene	198,603.99	104,443.15
2425	Environmental Health Services	623,154.78	248,781.13
2428	Industrial Health Services	114,094.30	620.73
2430	Medical Services	1,384,480.69	312,236.84
2431	Northern Alberta Health Services	19,809.23	–
2432	Alberta Health Plan	20,507,910.76	3,514,639.18
2433	Insulin & Other Special Drugs	49,864.46	13,786.91
2436	Nursing Aides	642,171.06	25,101.82
2437	Laboratory & X-Ray School	41,211.94	36,710.80
2441	Medical Rehabilitation Services	891.55	378.58
2442	Cerebral Palsy Clinic	91,118.58	45,336.43
2443	Arthritis Services	15,639.21	–
2444	Multiple Handicapped Program	71,194.43	19,168.70
2450	Cancer Hospitals Board	1,200,000.00	142,874.00
2478	Hospital Construction Grants	2,327,235.55	1,486,499.99
2479	Hospitalization – Nursing Homes	6,471,788.65	–
2480	Hospitalization – General	134,197,464.52	60,156,796.51
	Division of Tuberculosis Control		
2455	Director's Office & Clinics	179,869.24	11,500.00
2456	Aberhart Memorial Sanatorium, Edmonton	1,463,498.65	715,710.28
2457	Baker Memorial Sanatorium, Calgary	1,602,165.40	581,530.27
	Division of Mental Health		
2460	Director's Office & Guidance Clinics	873,587.34	175,708.00
2463	Alberta Hospital, Ponoka	4,159,137.20	694,245.53
2465	Alberta Hospital, Edmonton	4,751,902.25	778,941.53
2467	Rosehaven, Camrose	1,295,989.42	404,362.35
2468	Alberta Hospital, Claresholm	1,138,843.48	216,291.75
2469	Alberta Hospital, Raymond	188,654.85	39,825.36
2472	Emotionally Disturbed Children's Unit	64,854.91	3,676.00
2475	Alberta School Hospital, Red Deer	3,640,574.86	453,812.77
2477	Deerhome, Red Deer	3,711,115.36	472,668.82
		$196,236,797.91	$73,184,397.51
	Total Expenditure – Health Department		$196,236,797.91
	Less Health Revenue		73,184,397.51
	Net Expenditure – Department of Health		$123,052,400.40

Vital Statistics

The Vital registrations during the year were as follows:

Births	30,149
Marriages	13,640
Deaths	9,963

The population for 1968 was 1,526,000 and, therefore, the following rates have been recorded:

Year	No. of Births	Birth Rate	No. of Marriages	Marriage Rate	No. of Deaths	Death Rate
1963	38,467	27.4	10,163	7.2	9,444	6.7
1964	36,173	25.3	10,634	7.4	9,482	6.6
1965	32,664	22.5	11,209	7.7	9,534	6.6
1966	30,592	20.9	11,879	8.1	9,677	6.6
1967	30,691	20.6	12,903	8.7	9,523	6.4
1968	30,149	19.8	13,640	8.9	9,963	6.5

On the whole these figures are good. The birth rate has continued to decrease. The natural increase (excess of births over deaths) was 20,186.

Alcoholism

The Division of Alcoholism operates clinics for the treatment of alcoholism in three Alberta communities as well as "Henwood", a 64-bed in-patient rehabilitation centre. Clinics are located at Red Deer, Calgary and Edmonton. Henwood is located on the northeast outskirts of Edmonton.

Each of the out-patient centres has a Community Services component to handle field work and public education activities. A close liaison is maintained with other social services as well as the medical profession, clergy and law enforcement personnel. Training programs, seminars and conferences offer encouragement and assistance in the establishment of community alcoholism programs.

Court and Correctional Services are involved in counselling and treatment at Belmont Institute and serve magistrate courts in Edmonton.

Research services provide a vital evaluation and feedback mechanism which complements efforts of the Division's other working components.

A total of 1,756 patients participated in 10,514 counselling interviews, whereas, patients, relatives and others attended 2,487 group therapy sessions during 1968 at the three clinics, Henwood and Belmont Institute.

An Advisory Council of private citizens, representing various areas in the Province, assists in planning policies for the Division.

Communicable Diseases

No cases of paralytic poliomyelitis were reported during 1968.

There were no cases of typhoid fever reported during 1968.

In 1968, 15 cases of diphtheria with no deaths were reported, 37 diphtheria carriers were recorded contrasted against 335 diphtheria carriers recorded in 1967. We believe this reduction is due to an increased emphasis which has been placed on massive immunization.

A total of only 594 cases of measles with no deaths were reported in 1968. This is the first year in the past ten that no deaths from measles has been recorded. We believe these striking reductions are due to the measles immunization program commenced in February, 1966.

Cases of infectious hepatitis in 1968 totalled 1,129, an increase of 269 cases over the 1967 incidence. This is an indication of the endemic nature of this disease.

Public Health Nursing

This branch provides consultative services to the staffs of health units, as well as having direct responsibility for the Municipal Nursing Service.

The Municipal Nursing Service provides preventive health service and emergency medical care to remote communities which have limited or no nursing facilities. Thirteen such services are operating, all in the northern part of the Province. The total cost to the Province in 1968 was $149,890.00.

An extensive Public Health Nursing Activity Study was planned and carried out during the year. This study will determine how the time of nursing personnel is distributed, and used, and may highlight areas where better utilization of nursing time can be achieved.

Dental Health Services

There are 16 preventive and educational dental health programs, employing a total of 11 full-time and 13 part-time dental officers, 28 dental hygienists and 19 dental assistants. Twenty-seven communities are now operating fluoride-adjusted water systems serving over one-third of the population of the Province.

Health Units

There are 25 health units as well as the two cities of Edmonton and Calgary Health Departments operating in the Province of Alberta. Seven of these units are also offering a full-time dental program and nine a part-time dental program.

Total financial grants from the Province to Health Units and City Departments of Health in 1968 were $2,065,688.99. The total population covered by these services in 1968 was 724,300.

Nutrition Services

The Provincial Nutritionist continued to offer a wide range of consultative services to various agencies, institutions, other Government Departments and agencies, and the public.

Specific dietary advice and supervision was offered to certain of our mental health institutions who have not been able to employ dietitians. This supervision will be continued as necessary.

Medical Services Division

This Division is responsible for a variety of ongoing medical and para-medical services, some of which are noted here.

Special Handicapped Children's Program

Included are:

The Thalidomide program involving six children with full phocomelic defects.

The Multiple Handicapped Children's Unit is operated at the Glenrose Provincial General Hospital. A total of 715 patients were examined of which 187 were new cases and 528 were review cases.

Two Juvenile Amputee Clinics, one in Edmonton and one in Calgary, provide consultation services and prosthetic appliances to any child up to the age of eighteen with an amputation either congenital or acquired. A total of 239 patients were seen, of which 16 were new cases and 223 were review cases.

The total cost of these programs is $57,005.24.

Registry for Handicapped Children & Adults

2,439 new cases were registered during 1968, bringing the total registrations since its beginning on 1st September, 1963 to 17,483. 1,374 of this total are deceased. The Registry continues to cooperate with the Congenital Anomalies Surveillance Program in Ottawa.

Rheumatic Fever Prophylaxis Program

This Program which started in June, 1958 provides penicillin free of charge to children up to age 18 who have had rheumatic fever. A dosage of 200,000 units twice daily is provided to approved patients. A triple sulpha preparation, 7½ grains twice daily, is provided to those who prove to be sensitive to penicillin. The total number of new patients was 281 and follow-up supplies were provided to 4,193 patients.

Emergency Air Ambulance Service

This service which has been in operation since 1959, carries seriously ill or injured patients from remote or inaccessible areas to hospital. All flights are made by chartered aircraft, and all patients are accompanied by either a doctor or a nurse. In 1968, 117 flights were made, at a total cost of $24,980.16.

Treatment Services to Social Service Recipients

The average number of Social Service Recipients was 78,426 during 1968, compared to 80,602 during 1967. The total amount of monies expended was $1,195,587.85.

School for Nursing Aides

The two Schools for Nursing Aides operating in the Province graduated 480 students. The total number of graduates since this program started is 7,607.

Laboratory and X-Ray School

This school trains a combined x-ray and laboratory technician who is a very valuable worker in small rural hospitals.

16 students graduated from the school during 1968, bringing the total graduates since this program started in 1954 to 248. A surprisingly high number of these technicians have continued working in their chosen field.

Northern Alberta Health Service

This service inaugurated April 1, 1966 is an attempt to bring treatment services as well as preventive health services to some 15,000 persons scattered over 104,000 square miles of Northern Alberta. Public Health Inspection services are also offered and this report makes very interesting reading.

Environmental Health Services

This Division continued at a high level its work of ensuring the healthiest possible environment for the people of Alberta.

The Alberta Advisory Committee on Pollution Control through its 12 functioning sub-committees performed an ongoing study and review of all facets of the pollution problem, and reported with recommendations at its second annual meeting in October. A further "Sub-committee on Soil Pollution" was constituted.

The Air Pollution Control Section continued its province-wide program of surveillance of all aspects of the problem. A total of 143 approvals for new incinerators were issued. 38 approvals were given to plants for improvements to or expansion of air pollution control equipment and 44 approvals were issued to new plants.

The Water Pollution Control Section purchased, and put into service, an R.M.-25 Robot Monitor. It was used to measure pollutants in the Oldman and Bow Rivers, and was located on the North Saskatchewan River during the winter months.

During 1968 a total of 728 water samples from all areas of the Province were taken and analyzed.

The Municipal Engineering Section processed 315 submissions for approval of water and sewerage projects. The estimated value of the Final Approval Certificates (244) is $35,652,155.09.

Fluoridation of public water supplies continued to increase with six communities commencing fluoridation during the year, bringing the total in Alberta to 30.

Mental Health

An active program of construction to provide replacement of older buildings at various hospitals was carried out at the same time enlarging the out-patient and foster home programs bringing the total number of mentally ill patients in care to the lowest point in thirteen years. There was a slight increase in facilities for retarded persons who now constitute 43.8% of all persons receiving care in residential facilities.

The Alberta Guidance Clinics continued to give service to their respective areas, the staff being strengthened by a larger number of qualified personnel in the social work and psychological departments.

Bursary assistance was provided for the training of ten psychiatrists and three psychologists and three social workers.

Five research projects were undertaken with the cooperation of University Departments, in addition to those supported by Public Health research grants.

Bed capacities of the various institutions are as given below:

	Capacity	Patients in
Active Treatment Mental Hospitals		
Alberta Hospital, Edmonton	1,069	996
Alberta Hospital, Ponoka	1,065	882
Continued Treatment Hospitals		
Alberta Hospital, Claresholm	452	441
Alberta Hospital, Raymond	80	76
Rosehaven, Camrose	442	452
Institutions for Mentally Retarded		
Alberta School Hospital, Red Deer .	972	1,008
Deerhome, Red Deer	1,141	1,229
Emotionally Disturbed Children's Unit		
Linden House, Red Deer	25	13
Total	5,246	5,097

Hospital Services

For information regarding the Alberta Hospitalization program, it will be necessary to refer to the 1968 Annual Report issued by the Hospital Services Section of this Department.

Professional and Sundry Acts

In regard to the subject of Professional and Sundry Acts, the Minister of Health is charged with the administration of the following:

The Alberta Pharmaceutical Association Act
The Alberta Registered Dietitians Association Act
The Chartered Physiotherapists Act
The Chiropractic Act
The Dental Association Act
The Dental Auxiliary Act
The Dental Technicians Act
The Medical Profession Act
The Naturopathy Act
The Nursing Aides Act
The Ophthalmic Dispensers Act
The Optometry Act
The Podiatry Act
The Psychiatric Nurses Association Act
The Psychologists Act
The Radiological Technicians Act
The Registered Nurses Act
The Veterinary Surgeons Act

With reference to The Podiatry Act, The Optometry Act and The Ophthalmic Dispensers Act, Boards of Examiners have been established by the Government in order to license all members who desire to practise in Alberta. Pursuant to The Chiropractic Act and The Naturopathy Act, Appraisal Boards have been formed by the Government in order that members wishing to practise in Alberta can be "recorded" through the Government. Details relating to The Dental Technicians Act are covered in a separate report under Dental Health Services. With regard to the other Acts, membership is obtained through the various Associations established under each respective Act.

During the calendar year 1968, the Chiropractic Appraisal Board approved 14 applications, and the Board of Examiners pertaining to The Optometry Act issued 13 licenses while rejecting one application. The Boards under The Naturopathy Act and The Podiatry Act did not review any applications during this year. The Ophthalmic Dispensers Examining Board awarded two Certificates of Competency in Dispensing, rejected five candidates due to lack of experience, while five other applications were still under review as of December 31st, 1968. Under the same Act, this Board issued two Special Certificates of Competency in Dispensing Contact Lenses while one other application was still under review at the end of the calendar year.

Respectfully submitted,
P. B. Rose, M.D.,
Deputy Minister of Health.

DIVISION OF LOCAL HEALTH SERVICES

W. Watt, M.B., Ch.B., D.P.H., Director

The Division of Local Health Services acts in an advisory capacity to Local Boards of Health, and as the agency of the Department of Health for the payment of fiscal grants to Health Units and City Health Departments under The Health Unit Act, and to the Municipal Nursing Service under The Nursing Service Act. The Division is composed of the following branches, each of which has its own Director and its own fiscal appropriation.

1. Communicable Diseases
2. Health Units
3. Public Health Nursing, including Maternal and Child Health
4. Dental Health
5. Health Education and Nutrition Services

The Director of the Division of Local Health Services serves also as the Director of the branches of Communicable Diseases and Health Units. The Public Health Nursing Branch includes a Nursing Consultant in Maternal and Child Health. The Health Education Branch and Nutrition Services, while sharing a common fiscal appropriation, are separate branches, each with its own Director.

Following the conference of representatives from the Department of Health and Local Boards of Health to discuss the report of the Special Legislative and Lay Committee enquiring into the Preventive Health Services of the Province, legislation was drafted in 1968, setting forth the Government proposals for a detailed reorganization of the public health service. During 1968 a considerable portion of the time and energies of the Director was directed to organizing and holding meetings with Local Health Authorities, Local Municipal Councils, and interested agencies and groups for the purpose of explaining and discussing this proposed legislation.

COMMUNICABLE DISEASES

W. Watt, M.B., Ch.B., D.P.H., Director

The functions and responsibilities of the Communicable Diseases Branch of the Division of Local Health Services are summarized as follows:

(1) The collection and transmission of information and compilation and evaluation of statistics, concerning the morbidity and mortality of communicable diseases;
(2) The provision of consultant services to local health authorities on matters relating to the prevention and control of communicable diseases;
(3) The direction or application of control measures against communicable diseases in areas administered by the Provincial Government which are outside the jurisdiction of Health Units;
(4) The interpretation and distribution of Communicable Disease Regulations;
(5) The transmission of surveillance orders for smallpox and cholera to local health authorities for attention;
(6) The transmission of bacteriological, virological and serological reports;
(7) The distribution of immunizing antigens and sera and supervision of the utilization of those in limited supply;
(8) The appraisal of immunization programs and the publication of specific recommendations in relation to them.

PARALYTIC POLIOMYELITIS

During the year 1968 no case of Paralytic Poliomyelitis was reported. This is similar to the years 1965 and 1966 in which no cases were reported and compares favourably with 1967 when 1 case was reported, and past years when Poliomyelitis was an endemic and sometimes epidemic disease. The efficiency of the Provincial immunization program employing Salk and Sabin vaccines is well demonstrated by comparing the present NIL statistics with the peak statistics of 1,399 cases and 109 deaths in 1953, and 201 cases with 11 deaths in 1960. However, it is felt necessary to advise that our present highly satisfactory status of complete freedom from Poliomyelitis infection will only be retained if the majority of our residents maintain their immune status through regular reinforcing immunization. During the year 1968, one (1) death was reported as a late effect of Paralytic Poliomyelitis, contracted 15 years before, during the 1952-1953 epidemic.

VIRAL OR ASEPTIC MENINGITIS

There were 8 cases of Meningitis (Viral or Aseptic) reported in 1968, a definite improvement over the 15 cases reported in 1967, the 19 cases in 1966, and the 51 cases in 1965. In only 1 case was the virus identified – as being due to ECHO virus.

TYPHOID FEVER

There were no (0) cases of Typhoid Fever reported in the Province in 1968. This is similar to the year 1966 when no (0) cases were reported, and compares favourably with the reporting of 13 cases last year – 1967. Typhoid Fever is endemic in the Province as can be seen from Table 6 which gives the incidence of this disease over the past ten (10) years. Health Authorities must always be on the alert since a human carrier occasionally and unwittingly passes the infection to others with a resulting small localized epidemic (9 of the 13 reported cases last year appeared in the City of Lethbridge).

DIPHTHERIA

Because of the serious potential of this disease, its widespread prevalence in the Province continues to be a constant source of concern to our Health Authorities. There has been an upsurge in the incidence of Diphtheria infection in the last two years, 1967 and 1968, and it would appear as if this increased incidence will be carried over into the year 1969.

In 1967 the Province experienced 9 cases of Diphtheria while investigation of contacts brought to light 335 Diphtheria Carriers. In 1968, 15 Diphtheria cases were recorded along with 37 carriers. In neither year were there any fatalities. Although this increase is only relative and would contrast favourably with the Provincial figures of the 1940's, and even the 1950's, it is still concerning when it follows the years 1964, 1965, and 1966 in which a total of 6 cases was recorded.

It is noted that Diphtheria is occurring largely in the northern part of the Province, the City of Edmonton, and areas north of Edmonton. It is scattered all over the northern areas, and is occurring largely among the native Indian – Metis population, or in areas where the Indian – Metis population is predominantly heavy. It is obvious that Diphtheria infection is endemic in the northern populated areas, and in an effort to provide better control, emphasis has been placed on massive immunization in preference to massive investigation. The fact that only 37 carriers were reported in 1968 as against 335 in 1967 may naturally follow this limited or restricted investigational approach with the emphasis on immunization. It is suspected that there is as much latent Diphtheria infection today in the northern areas of the Province as was found in 1967, but it is to be hoped that the increased immunization program will reduce this to reasonable proportions.

MEASLES

The total number of Measles cases reported in 1968 for the entire Province was 594. This would appear to be a very significant reduction when compared with the 3,008 cases in 1967, and the 6,720 cases in 1966. A review of Table 6 shows the prevalence over the past ten (10) years and would indicate that 1966 and 1969 could be anticipated as peak years because of the tendency for

Measles to occur in epidemic form in approximately 3 year cycles. The reduction in incidence experienced, therefore, in 1968 will be absolutely significant if it is followed by a similar anticipated reduction in the expected peak year 1969. In line with the reduced incidence, it is noted that no (0) deaths from Measles occurred in 1968 – again significant when compared with an average of 6 deaths over the past 10 years. The incidence of Measles in the Province, now at its lowest point in the last 30 years, apparently reflects the effect of the Measles Immunization Program commenced in 1966.

STREPTOCOCCAL INFECTIONS

In 1968 the incidence of Streptococcal Infections (Scarlet Fever and Streptococcal Sore Throat) showed a slight increase over previous years. The number of reported cases reached a total of 2,143 as compared with 1,700 cases in 1967 and 1,710 cases in 1966. One (1) death due to Scarlet Fever was reported in an eleven (11) year old retarded Mongoloid child. Although, fortunately, Streptococcal Infections remain highly sensitive to sulfa drugs, penicillin and antibiotics, the widespread prevalence of this infection, and the fact that it is still lethal, warrants prompt attention, diagnosis and treatment.

INFECTIOUS HEPATITIS

A review of Table 2 will show the endemic nature of Infectious Hepatitis within the Province, with cases being reported from every Health Unit and City Health Department. During 1968 a total of 1,129 cases were reported – a considerable increase over the 860 cases reported in 1967 – and a 100% increase over the 561 cases reported in 1966. Concentrations of this disease were noted in the northern areas of the Province – Athabasca Health Unit, Grande Prairie Health Unit, Peace River Health Unit, the Northern Alberta Health Services, and also in the Wetoka Health Unit. This increase is considered significant, and a further increase might be expected in 1969.

Since the organism responsible for this disease (believed to be a filtrable virus) has not been isolated, no preventive vaccines are available. Immune Serum Globulin is provided free as passive immunization for all household and family contacts, but proper control or eradication is unlikely until a preventive vaccine becomes available.

RABIES

No cases of Rabies, either human or animal, were reported in the Province in 1968.

PSITTACOSIS

One case of Psittacosis was reported early in 1968 from the North Eastern Alberta Health Unit. The serological findings were indicative of a possible acute infection with Psittacosis agent, although definite evidence could not be provided. A thorough investigation failed to elicit the source of this infection, and no other cases were reported during the year.

LEPROSY

In January 1968 an elderly female resident of the City of Edmonton was diagnosed as suffering from Leprosy, following laboratory confirmation of non-cultivable acid fast bacilli isolated from skin scrapings. The onset of the infection actually dated back approximately 12 months. Investigation established the source of infection as a Sister in a Convent in rural Alberta, previously diagnosed as a case of Leprosy in 1958, and treated at the Federal Leprosarium, New Brunswick, until 1964. Since both Federal Leprosariums at Tracadie, New Brunswick, and Bentinck Island, British Columbia, had been closed, it became necessary for the Provincial Government, Department of Health, to accept responsibility and to develop treatment facilities in one of the Provincial Sanatoria.

IMMUNIZATION

Throughout 1968 a high level of immunization amongst preschool and school children against Smallpox, Diphtheria, Whooping Cough, Tetanus and Poliomyelitis was maintained by Health Units, City Health Departments, and the Municipal Nursing Service. The great majority of the children of the Province are properly immunized. However, the continued finding of Diphtheria cases in certain areas of the Province, and investigation into the immunity status in certain groups of the population would lead one to suspect and question the immunization status of the native Indian and Metis Population.

Poliomyelitis immunization has practically eradicated the disease from this Continent in a short period of 15 years. However, since the introduction of immunization following the Salk Polio Field Trials of 1954, the population at large has been immunized in two phases:

(a) following the introduction of a Salk Polio Vaccine program in 1955, and

(b) following the introduction of the Oral Sabin Polio Vaccine program in 1962.

It is noted that the utilization of Polio Vaccine has been decreasing since 1966, and attention is drawn, especially to adults, of the need for reinforcement with Sabin Vaccine, for those who were immunized soon after the introduction of Sabin Vaccine in 1962.

It would appear that the Measles Immunization Program, commenced in 1966 and extended in 1967 to cover all children under 6 years of age, is already showing very promising results. The schedule which consists of three injections of "Killed" Measles Vaccine to be followed by one injection of "Live" Measles Vaccine was designed to produce a maximum degree of immunity and protection, with a minimum risk of reactions. The new Connaught Research Laboratories Vaccine, which incorporates "Killed" Measles Vaccine along with Diphtheria, Pertussis, Tetanus and Poliomyelitis Vaccines, allows the new antigen to be given with no additional effort. Table 6 shows that the average incidence of Measles reported over the last ten years has been 6,000 cases, whereas the reporting of Measles in the third year of the Immunization Program

(1968) indicates a reduction to less than 600 cases. Also, by the third year of the program the mortality from Measles would appear to have been reduced from an average of 6 deaths per year over the past ten years to **zero** in 1968. As the Measles Immunization Program will be continued without change through 1969, it is hoped to be able to present a similar or even better picture in the coming year.

TABLE I

NUMBER OF CASES OF COMMUNICABLE DISEASES REPORTED IN THE YEARS 1967 AND 1968

	1967	1968
Brucellosis	-	3
Diarrhoea of the newborn	2	4
Diphtheria	9	15
Dysentery:		
(a) Amoebic	1	1
(b) Bacillary	165	325
(c) Unspecified	2	7
Encephalitis, infectious	6	3
Food Poisoning:		
(a) Salmonella infections	161	165
(b) Staphylococcus intoxication	3	50*
(c) Unspecified	-	4
Hepatitis, infectious	860	1,129
Leprosy	-	1
Malaria	1	-
Measles	3,008	594
Meningitis, viral or aseptic:		
(a) Due to poliovirus	1	-
(b) Due to Coxsackie virus	1	-
(c) Due to ECHO virus	1	1
(d) Other and unspecified	12	7
Meningococcal infections	8	9
Paratyphoid fever	-	-
Pertussis	492	220
Poliomyelitis, paralytic	1	-
Psittacosis	-	1
Puerperal pyrexia	1	1
Q Fever	1	-
Rubella	523	735
Scarlet fever and streptococcal sore throat	1,700	2,143
Tuberculosis:		
(a) Pulmonary	269	212
(b) Other and unspecified	67	75
Typhoid fever	13	-

*30 cases of Staphylococcal food poisoning, following a banquet at Banff, are not included because of lack of specific information re laboratory findings, age, sex, etc.

TABLE 2
NUMBER OF CASES BY HEALTH UNIT AND DISEASE, ALBERTA, 1968

DISEASE	Total	CITIES OVER 10,000						HEALTH UNITS INCLUDING CITIES																								Not in Health Units
		Edmonton	Calgary	Lethbridge	Medicine Hat	Red Deer	Grande Prairie	Alberta East Central H.U.	Athabasca H.U.	Banff National Park H.U.	Barons-Eureka H.U.	Big Country H.U.	Chief Mountain H.U.	Chinook H.U.	County of Warner H.U.	Drumheller H.U.	Edson H.U.	Foothills H.U.	Grande Prairie H.U.	Jasper National Park H.U.	Leduc-Strathcona H.U.	Medicine Hat H.U.	Minburn-Vermilion H.U.	Mount View H.U.	North Eastern Alberta H.U.	Peace River H.U.	Red Deer H.U.	Stony Plain-Lac Ste. Anne H.U.	Sturgeon H.U.	Vegreville H.U.	Wetoka H.U.	
Brucellosis	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Diarrhoea of the Newborn	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	15	5	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	5	-	-	-	1
Diphtheria carrier state	37	9	-	-	-	3	1	-	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	4	1	-	-	3
Dysentery:																																
Amoebic	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Bacillary	325	44	24	-	-	91	-	-	45	-	3	-	-	-	-	3	18	1	1	1	-	-	-	-	33	3	4	2	1	-	2	49
Unspecified	7	1	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Encephalitis, infectious	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Food poisoning:																																
Salmonella infections	165	33	28	2	3	3	-	-	26	-	-	-	-	3	-	-	5	-	-	-	3	1	1	-	3	34	1	5	4	-	-	10
Staphylococcus intoxication	50	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified	4	1	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis, infectious	1,129	125	126	12	7	25	51	3	55	2	7	5	22	44	1	12	30	8	84	3	32	13	10	20	13	107	29	23	32	17	105	106
Leprosy	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles, without pneumonia	593	27	265	-	7	4	4	27	4	1	8	2	7	-	3	-	3	7	40	-	3	45	-	20	3	52	17	-	3	5	5	31
Measles, with pneumonia	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis, viral or aseptic	8	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	2
Meningococcal infections	9	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	1	1	-	1	-
Pertussis	220	7	78	3	3	1	-	8	4	-	3	1	13	-	3	-	5	11	1	-	3	9	1	2	1	6	2	-	3	-	2	50
Psittacosis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	735	110	149	8	18	10	4	34	52	1	19	9	2	8	13	1	13	16	2	-	3	22	22	37	-	27	57	20	15	8	5	50
Scarlet Fever and Streptococcal sore throat	2,143	222	189	77	6	15	46	61	8	-	127	84	120	101	110	16	98	76	34	3	66	4	23	191	39	229	28	28	22	40	10	70

TABLE 3
RATES (PER 100,000 POPULATION) BY HEALTH UNIT AND DISEASE, ALBERTA, 1968

DISEASE	CITIES OVER 10,000							HEALTH UNITS INCLUDING CITIES																									
	Average	Edmonton	Calgary	Lethbridge	Medicine Hat	Red Deer	Grande Prairie	Alberta East Central H.U.	Athabasca H.U.	Banff National Park H.U.	Barons-Eureka H.U.	Big Country H.U.	Chief Mountain H.U.	Chinook H.U.	County of Warner H.U.	Drumheller H.U.	Edson H.U.	Foothills H.U.	Grande Prairie H.U.	Jasper National Park H.U.	Leduc-Strathcona H.U.	Medicine Hat H.U.	Minburn-Vermilion H.U.	Mount View H.U.	North Eastern Alberta H.U.	Peace River H.U.	Red Deer H.U.	Stony Plain-Lac Ste. Anne H.U.	Sturgeon H.U.	Vegreville H.U.	Wetoka H.U.	Not in Health Units
Brucellosis	0.2	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-	-	4.1
Diarrhoea of the Newborn	0.3	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	1.0	1.3	-	-	-	1.4	-	-	4.6	-	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	2.8	-	-	20.9	-	-	-	4.1
Diphtheria carrier state	2.8	2.3	-	-	-	4.3	2.7	-	36.4	-	-	7.1	-	-	-	-	-	-	-	-	-	-	-	-	5.6	13.5	-	16.7	1.9	-	-	12.4
Dysentery:																																
Amoebic	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1
Bacillary	21.7	11.2	6.8	-	-	131.7	-	-	204.8	-	11.4	-	-	-	-	11.0	79.1	4.8	2.7	34.7	-	-	-	-	92.4	8.1	5.8	8.4	1.9	-	6.8	202.3
Unspecified	0.5	0.3	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-	-	4.1
Encephalitis, infectious	0.2	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Food poisoning:																																
Salmonella infections	11.0	8.4	7.9	5.3	6.1	4.3	-	-	118.3	-	-	-	-	13.8	-	-	22.0	-	-	-	8.3	2.0	3.6	-	8.4	91.7	1.4	20.9	7.6	-	-	41.3
Staphylococcus intoxication	3.3	-	10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified	0.3	0.3	-	-	-	-	-	3.9	-	-	-	-	-	-	11.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis, infectious	75.5	31.8	35.5	31.8	14.3	36.2	138.8	5.9	250.3	56.0	26.6	35.3	248.6	201.7	11.8	44.1	131.9	38.7	228.7	104.2	88.5	26.5	35.6	67.0	36.4	288.5	42.0	96.1	60.4	58.9	354.5	441.9
Leprosy	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles, without pneumonia	39.7	6.9	74.7	-	14.3	5.8	10.9	53.3	18.2	28.0	30.4	14.1	79.1	-	35.5	-	13.2	33.9	108.9	-	8.3	91.6	-	67.0	8.4	140.2	24.6	-	5.7	17.3	16.9	132.1
Measles, with pneumonia	0.1	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis, viral or aseptic	0.5	-	0.3	-	-	-	-	3.9	-	-	-	-	-	-	-	-	-	-	2.7	-	2.8	2.0	-	-	-	-	-	-	-	-	-	8.3
Meningococcal infections	0.6	-	0.3	-	-	-	-	-	4.6	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-	-	-	2.7	-	4.2	1.9	-	3.4	-
Pertussis	14.7	1.8	22.0	7.9	6.1	1.4	-	15.7	18.2	-	11.4	7.1	146.9	-	35.5	-	22.0	53.2	2.7	-	8.3	18.3	3.6	6.7	2.8	16.2	2.9	-	5.7	-	6.8	206.5
Psittacosis	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-	-	-
Puerperal Pyrexia	0.1	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	49.1	27.9	42.0	21.2	36.6	14.5	10.9	67.1	236.7	28.0	72.2	63.5	22.6	36.7	153.7	3.7	57.1	77.4	5.4	-	8.3	44.8	78.4	123.9	-	72.8	82.5	83.6	28.3	27.7	16.9	206.5
Scarlet Fever and Streptococcal sore throat	143.2	56.4	53.3	203.9	12.2	21.7	125.2	120.4	36.4	-	482.4	592.5	1,355.9	463.1	1,300.2	58.7	430.7	367.6	92.5	104.2	182.5	8.1	81.9	639.8	109.2	617.5	40.5	117.0	41.5	138.7	33.8	289.1

TABLE 4
COMMUNICABLE DISEASE CASES REPORTED IN 1968 BY SEX, AGE AND PERIOD OF REPORTING

	SEX		FOUR WEEKLY PERIODS													AGES										
	Male	Female	1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24	25 - 28	29 - 32	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 39	40 - 59	60 and Over	Age Not Stated	Cases in Armed Forces	Total
BRUCELLOSIS																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	3	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-	-	3
Total	-	3	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-	-	3
DIARRHOEA OF THE NEWBORN																										
Edmonton	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-	4	-	-	-	-	-	-	-	-	-	4
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-	4	-	-	-	-	-	-	-	-	-	4
DIPHTHERIA																										
Edmonton	2	3	-	-	-	-	-	-	-	-	-	3	-	1	1	1	2	-	-	-	1	1	-	-	-	5
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	4	5	1	-	1	-	-	-	1	-	-	4	1	-	1	3	2	2	1	-	-	1	-	-	-	9
Total	6	9	1	-	1	-	-	-	1	-	-	7	2	1	2	4	4	2	1	1	1	2	-	-	-	15
DIPHTHERIA CARRIER STATE																										
Edmonton	5	4	1	2	2	-	-	3	-	-	-	1	-	-	-	-	2	1	1	-	4	1	-	-	-	9
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	2	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	3
Grande Prairie	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Rural	16	8	3	-	4	-	-	5	-	1	2	2	4	1	2	2	10	6	1	1	1	2	1	-	-	24
Total	24	13	5	2	7	-	1	9	-	1	2	3	4	1	2	2	12	8	3	3	5	3	1	-	-	37

TABLE 4
COMMUNICABLE DISEASE CASES REPORTED IN 1968 BY SEX, AGE AND PERIOD OF REPORTING

	SEX		FOUR WEEKLY PERIODS													AGES										
	Male	Female	1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24	25 - 28	29 - 32	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 39	40 - 59	60 and Over	Age Not Stated	Cases in Armed Forces	Total
											DYSENTERY - AMOEBIC															
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Total	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
											DYSENTERY - BACILLARY															
Edmonton	22	22	1	-	-	-	-	2	7	5	2	2	4	9	12	4	21	8	4	-	6	1	-	-	-	44
Calgary	12	12	1	1	1	1	1	3	2	-	1	9	4	-	-	1	9	4	2	-	6	2	-	-	-	24
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	42	49	-	-	-	-	-	-	1	6	30	29	13	9	3	-	5	43	12	13	15	3	-	-	-	91
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	87	79	3	6	6	6	4	12	9	17	11	33	19	19	21	18	94	28	6	1	10	6	3	-	-	166
Total	163	162	5	7	7	7	5	17	19	28	44	73	40	37	36	23	129	83	24	14	37	12	3	-	-	325
											DYSENTERY - UNSPECIFIED															
Edmonton	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	3	3	-	-	-	-	1	-	-	-	2	1	1	-	1	4	2	-	-	-	-	-	-	-	-	6
Total	4	3	-	-	1	-	1	-	-	-	2	1	1	-	1	4	3	-	-	-	-	-	-	-	-	7
											ENCEPHALITIS, INFECTIOUS															
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	1	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	2
Total	2	1	-	-	1	-	-	-	-	2	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	3

	SEX		FOUR WEEKLY PERIODS													AGES										
	Male	Female	1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24	25 - 28	29 - 32	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 39	40 - 59	60 and Over	Age Not Stated	Cases in Armed Forces	Total
FOOD POISONING - SALMONELLA INFECTIONS																										
Edmonton	20	13	1	1	-	3	1	2	1	3	6	2	10	3	-	2	13	7	2	-	6	-	3	-	-	33
Calgary	14	14	2	-	4	3	1	4	3	1	5	5	-	-	-	7	6	3	1	1	6	3	1	-	-	28
Lethbridge	-	2	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	2
Medicine Hat	1	2	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	-	-	-	-	-	2	-	-	3
Red Deer	2	1	1	-	-	-	1	-	1	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	3
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	55	41	8	3	1	10	19	19	7	7	3	4	3	9	3	38	29	6	4	2	5	7	5	-	-	96
Total	92	73	12	4	5	16	22	25	13	11	14	12	14	14	3	47	50	17	8	3	18	10	12	-	-	165
FOOD POISONING - STAPHYLOCOCCUS INTOXICATION																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	19	18	35	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	35	2	-	-	-	37
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	6	7	-	-	-	-	-	-	-	-	12	1	-	-	-	-	2	4	4	-	-	3	-	-	-	13
Total	25	25	35	-	-	-	-	-	-	-	14	1	-	-	-	-	2	4	4	-	35	5	-	-	-	50
FOOD POISONING - UNSPECIFIED																										
Edmonton	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	2	1	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	2	-	-	-	-	3
Total	2	2	-	-	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	2	-	1	-	-	4
HEPATITIS, INFECTIOUS																										
Edmonton	66	59	1	3	6	6	-	4	9	10	21	12	29	16	8	-	5	27	12	19	43	18	1	-	-	125
Calgary	57	69	15	11	13	7	3	6	6	5	11	14	12	12	11	-	3	21	18	15	53	15	1	-	-	126
Lethbridge	9	3	-	-	2	-	1	-	-	1	-	5	2	-	1	-	2	2	2	-	3	2	1	-	-	12
Medicine Hat	4	3	-	1	-	-	-	1	1	2	1	1	-	-	-	-	-	1	1	-	4	1	-	-	-	7
Red Deer	14	11	1	3	-	1	1	3	1	1	6	1	1	4	2	-	1	3	4	2	8	6	1	-	-	25
Grande Prairie	26	25	-	-	-	5	2	2	5	5	9	2	2	7	12	-	6	13	10	6	10	6	-	-	-	51
Rural	398	385	107	91	93	65	56	52	24	43	55	71	37	53	36	1	64	175	172	69	213	74	15	-	-	783
Total	574	555	124	109	114	84	63	68	46	67	103	106	83	92	70	1	81	242	219	111	334	122	19	-	-	1,129

TABLE 4
COMMUNICABLE DISEASE CASES REPORTED IN 1968 BY SEX, AGE AND PERIOD OF REPORTING

	SEX		FOUR WEEKLY PERIODS													AGES										
	Male	Female	1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24	25 - 28	29 - 32	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 39	40 - 59	60 and Over	Age Not Stated	Cases in Armed Forces	Total
LEPROSY																										
Edmonton	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
MEASLES - WITHOUT PNEUMONIA																										
Edmonton	13	14	8	4	-	2	-		1	3	2	-	2	1	2	2	6	12	3	3	1	-	-	-	-	27
Calgary	126	139	67	93	49	31	15	4	1	2	-	-	2	-	1	3	34	203	22	2	-	1	-	-	-	265
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	3	4	1	2	-	-	1	-	-	-	-	2	-	-	1	1	2	1	3	-	-	-	-	-	-	7
Red Deer	2	2	2	1	-	-	-	-	-	-	-	-	1	-	-	-	2	2	-	-	-	-	-	-	-	4
Grande Prairie	1	3	-	-	-	-	-	2	1	1	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	4
Rural	151	135	63	54	30	11	29	34	10	7	12	13	8	8	7	51	71	133	28	1	1	1	-	-	-	286
Total	296	297	141	154	79	44	45	42	13	13	14	15	13	9	11	57	118	352	56	6	2	2	-	-	-	593
MEASLES - WITH PNEUMONIA																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
MENINGITIS, VIRAL OR ASEPTIC - DUE TO ECHO VIRUS																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1

	SEX		FOUR WEEKLY PERIODS													AGES										
	Male	Female	1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24	25 - 28	29 - 32	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 39	40 - 59	60 and Over	Age Not Stated	Cases in Armed Forces	Total
MENINGITIS, VIRAL OR ASEPTIC - OTHER AND UNSPECIFIED																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	4	3	-	-	-	-	-	1	-	2	1	1	1	-	1	3	2	2	-	-	-	-	-	-	-	7
Total	4	3	-	-	-	-	-	1	-	2	1	1	1	-	1	3	2	2	-	-	-	-	-	-	-	7
MENINGOCOCCAL INFECTIONS																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	4	4	-	2	-	1	2	-	1	-	-	1	1	-	-	-	5	1	-	-	1	1	-	-	-	8
Total	4	5	-	2	-	1	2	-	1	-	-	2	1	-	-	1	5	1	-	-	1	1	-	-	-	9
PERTUSSIS																										
Edmonton	3	4	-	1	-	-	-	1	-	1	4	-	-	-	-	1	-	4	1	-	-	1	-	-	-	7
Calgary	40	38	16	3	8	3	8	5	15	12	4	-	1	-	3	5	19	36	16	1	-	1	-	-	-	78
Lethbridge	2	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	3
Medicine Hat	2	1	-	2	1	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	3
Red Deer	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	56	72	62	17	21	2	4	1	1	5	7	1	1	-	6	14	58	32	20	1	1	-	2	-	-	128
Total	103	117	78	25	30	5	13	7	16	18	15	2	2	-	9	22	79	74	38	2	1	2	2	-	-	220
PSITTACOSIS																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Total	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1

TABLE 4
COMMUNICABLE DISEASE CASES REPORTED IN 1968 BY SEX, AGE AND PERIOD OF REPORTING

	SEX		FOUR WEEKLY PERIODS													AGES										
	Male	Female	1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24	25 - 28	29 - 32	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 39	40 - 59	60 and Over	Age Not Stated	Cases in Armed Forces	Total
PUERPERAL PYREXIA																										
Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calgary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lethbridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicine Hat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Deer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1
Total	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1
RUBELLA																										
Edmonton	59	51	13	14	6	11	18	9	7	2	5	4	1	17	3	14	24	29	23	14	6	-	-	-	-	110
Calgary	67	82	9	23	13	14	19	10	8	3	6	11	8	13	12	16	34	63	24	3	9	-	-	-	-	149
Lethbridge	5	3	1	1	2	-	-	-	1	-	-	1	-	2	-	2	4	2	-	-	-	-	-	-	-	8
Medicine Hat	11	7	-	1	-	-	4	-	2	-	1	1	2	5	2	3	4	10	-	1	-	-	-	-	-	18
Red Deer	6	4	2	1	3	-	1	-	1	1	-	-	-	-	1	-	10	-	-	-	-	-	-	-	-	10
Grande Prairie	1	3	-	3	-	-	-	-	-	-	1	-	-	-	-	-	2	2	-	-	-	-	-	-	-	4
Rural	225	211	48	35	16	25	25	22	18	11	11	15	40	70	100	57	133	157	60	10	17	2	-	-	-	436
Total	374	361	73	78	40	50	67	41	37	17	24	32	51	107	118	92	211	263	107	28	32	2	-	-	-	735
SCARLET FEVER AND STREPTOCOCCAL SORE THROAT																										
Edmonton	113	109	45	49	49	18	15	6	7	2	3	7	4	12	5	1	39	116	48	11	4	3	-	-	-	222
Calgary	86	103	36	46	30	22	9	8	7	1	2	4	7	6	11	1	23	99	53	6	5	2	-	-	-	189
Lethbridge	36	41	14	12	16	14	6	10	2	-	-	-	-	2	1	-	11	41	22	1	1	1	-	-	-	77
Medicine Hat.	1	5	-	1	2	2	-	1	-	-	-	-	-	-	-	-	1	2	1	1	1	-	-	-	-	6
Red Deer	6	9	-	-	2	1	1	-	-	-	-	1	-	6	4	-	3	5	5	2	-	-	-	-	-	15
Grande Prairie	24	23	3	8	10	17	3	1	-	1	1	1	-	1	1	1	8	12	21	2	2	1	-	-	-	47
Rural	798	789	252	442	274	118	83	66	40	22	26	39	82	80	63	18	274	645	348	103	128	59	12	-	-	1,587
Total	1,064	1,079	350	558	383	192	117	92	56	26	32	52	93	107	85	21	359	920	498	126	141	66	12	-	-	2,143

TABLE 5

DEATHS ASCRIBED TO COMMUNICABLE DISEASES FOR THE YEARS 1967 AND 1968

	1967		1968	
	Total Deaths	Rate per 100,000 of Population	Total Deaths	Rate per 100,000 of Population
Brucellosis	0	0.0	0	0.00
Diarrhoea of the Newborn	1	0.1	1	0.06
Diphtheria	0	0.0	0	0.00
Dysentery	0	0.0	0	0.00
Encephalitis	6	0.4	1	0.06
Hepatitis, Infectious	4	0.3	6	0.38
Measles	6	0.4	0	0.00
Meningococcal Infections	2	0.1	4	0.26
Pertussis	3	0.2	0	0.00
Poliomyelitis, Paralytic	0	0.0	* 1	0.06
Scarlet Fever and Streptococcal Sore Throat	0	0.0	1	0.06
Tuberculosis:				
(a) Pulmonary	31	2.1	18	1.20
(b) Other and unspecified	2	0.1	6	0.38

Population of Alberta in 1967	Population of Alberta in 1968
1,490,000	1,526,000

*One death occurred in a 37 year old Female who had contracted severe Paralytic Poliomyelitis in the 1952-53 epidemic.

TABLE 6

INCIDENCE OF SOME OF THE MORE SERIOUS COMMUNICABLE DISEASES FOR THE TEN-YEAR PERIOD, 1959 TO 1968

Date	Population	Total Cases	Total Deaths	Mortality Rate per 100,000 of Population
DIPHTHERIA				
1959	1,243,000	10	0	0.0
1960	1,283,000	12	1	0.1
1961	1,331,944	19	0	0.0
1962	1,370,000	10	0	0.0
1963	1,405,000	29	3	0.2
1964	1,432,000	1	0	0.0
1965	1,451,000	3	0	0.0
1966	1,463,203	2	1	0.1
1967	1,490,000	9	0	0.0
1968	1,526,000	15	0	0.0
INFECTIOUS HEPATITIS				
1959	1,243,000	527	5	0.4
1960	1,283,000	690	9	0.7
1961	1,331,944	1,006	10	0.7
1962	1,370,000	1,726	5	0.4
1963	1,405,000	1,300	10	0.7
1964	1,432,000	1,299	5	0.3
1965	1,451,000	896	7	0.5
1966	1,463,203	561	4	0.3
1967	1,490,000	860	4	0.3
1968	1,526,000	1,129	6	0.4
MEASLES				
1959	1,243,000	3,956	3	0.2
1960	1,283,000	9,279	6	0.5
1961	1,331,944	6,309	4	0.3
1962	1,370,000	10,185	5	0.4
1963	1,405,000	8,535	10	0.7
1964	1,432,000	7,860	9	0.6
1965	1,451,000	4,100	7	0.5
1966	1,463,203	6,720	4	0.3
1967	1,490,000	3,008	6	0.4
1968	1,526,000	594	0	0.0
PERTUSSIS				
1959	1,243,000	657	5	0.4
1960	1,283,000	580	3	0.2
1961	1,331,944	315	1	0.1
1962	1,370,000	980	1	0.1
1963	1,405,000	954	2	0.1
1964	1,432,000	281	3	0.2
1965	1,451,000	241	0	0.0
1966	1,463,203	252	0	0.0
1967	1,490,000	492	3	0.2
1968	1,526,000	220	0	0.0
POLIOMYELITIS, PARALYTIC				
1959	1,243,000	84	13	1.0
1960	1,283,000	201	11	0.9
1961	1,331,944	26	2	0.2
1962	1,370,000	6	0	0.0
1963	1,405,000	2	1	0.1
1964	1,432,000	1	0	0.0
1965	1,451,000	0	0	0.0
1966	1,463,203	0	0	0.0
1967	1,490,000	1	0	0.0
* 1968	1,526,000	0	1	0.06
SCARLET FEVER AND STREPTOCOCCAL SORE THROAT				
1959	1,243,000	5,132	5	0.4
1960	1,283,000	4,131	1	0.1
1961	1,331,944	1,673	2	0.2
1962	1,370,000	1,235	0	0.0
1963	1,405,000	1,153	0	0.0
1964	1,432,000	1,601	0	0.0
1965	1,451,000	1,262	1	0.1
1966	1,463,203	1,710	0	0.0
1967	1,490,000	1,700	0	0.0
1968	1,526,000	2,143	1	0.06
TYPHOID FEVER				
1959	1,243,000	13	0	0.0
1960	1,283,000	3	0	0.0
1961	1,331,944	16	0	0.0
1962	1,370,000	8	0	0.0
1963	1,405,000	2	0	0.0
1964	1,432,000	4	0	0.0
1965	1,451,000	7	0	0.0
1966	1,463,203	0	0	0.0
1967	1,490,000	13	0	0.0
1968	1,526,000	0	0	0.0

*One death occurred in a 37 year old Female who had contracted severe Paralytic Poliomyelitis in the 1952-53 epidemic.

HEALTH UNITS

W. Watt, M.B., Ch.B., D.P.H., Director

Health Unit Service commenced in the Province of Alberta in 1931, when two full-time Health Units were established in the Foothills and Red Deer areas, with financial assistance and encouragement from the Rockefeller Foundation. The main object of this project was to provide residents of rural areas of the province, with preventive health services, comparable to those available to the residents of the major cities. Although these two Health Units operated satisfactorily even after financial support was withdrawn by the Foundation, the number of Health Units did not grow substantially until 1951. In that year, The Health Unit Act was passed, and within a few years, many Local Authorities had grouped together to develop Health Units under the provincial plan, and provide very necessary public health services to their residents.

Health Unit Services include the prevention and control of communicable diseases including tuberculosis and the social diseases, the administration and distribution of vaccines and biologicals, and the provision of maternal and child health programs, school health services, public health inspection services, mental health programs, health education and etcetera. Under the autonomy which prevails within each Health Unit, any public health program may be introduced to meet the local conditions of the area, when such is deemed necessary by the Local Board of Health. Under these conditions, many Health Units have introduced full-time or part-time dental health services into their general health programs.

The Department of Health, in addition to distributing grants and financial assistance to Health Units under the provisions of The Health Unit Act, makes available through the Division of Local Health Services, medical, dental, nursing, nutrition, and administration consulting services, health educational resource materials, in service training programs and workshops, free distribution of vaccines and biologicals and professional training bursaries. Health Units also receive assistance and services from the Provincial Health Laboratories, the Division of Medical Services, Division of Tuberculosis Control, Division of Social Hygiene, Division of Mental Health, Division of Industrial Health Services and Division of Environmental Health Services.

There are now twenty-five Health Units, besides the cities of Calgary and Edmonton Health Departments, operating in the Province of Alberta. There are still however some sparsely populated areas of the Province – especially in the North which are not served by organized health unit services.

Total financial grants from the Province to Health Units and City Health Departments in 1968, amounted to $2,065,688.99.

The following is a list of the Health Units, showing for each one, the location of its headquarters, the population figure upon which the grant from the Department of Health was based for the fiscal year commencing 1st April, 1968, the approximate area and the population density.

Health Unit	Headquarters	Population	Area	Population Density
Alberta East Central	Stettler	50,650	7,300 sq. mls.	6.94
Athabasca	Athabasca	21,971	8,500 sq. mls.	2.58
Banff National Park	Banff	3,572	2,600 sq. mls.	N/A
Barons-Eureka	Coaldale	26,325	3,000 sq. mls.	8.77
Big Country	Hanna	14,177	8,800 sq. mls.	1.61
Chief Mountain	Cardston	8,850	1,403 sq. mls.	6.31
Chinook	Fort Macleod	21,810	4,000 sq. mls.	5.45
City of Lethbridge	Lethbridge	37,760	12 sq. mls.	3146.66
County of Warner	Raymond	8,460	1,600 sq. mls.	5.29
Drumheller	Drumheller	27,241	4,200 sq. mls.	6.48
Edson	Edson	22,752	11,000 sq. mls.	2.07
Foothills	High River	20,672	3,800 sq. mls.	5.44
Grande Prairie	Grande Prairie	36,737	18,400 sq. mls.	1.99
Jasper National Park	Jasper	2,878	4,200 sq. mls.	N/A
Leduc-Strathcona	Edmonton	36,164	1,900 sq. mls.	19.03
Medicine Hat	Medicine Hat	49,114	9,300 sq. mls.	5.28
Minburn-Vermilion	Vermilion	28,079	5,000 sq. mls.	5.62
Mount View	Calgary	29,852	4,300 sq. mls.	6.94
North Eastern Alberta	St. Paul	35,722	6,000 sq. mls.	5.95
Peace River	Peace River	37,085	26,300 sq. mls.	1.41
Red Deer	Red Deer	69,072	4,500 sq. mls.	15.34
Stony Plain-Lac Ste. Anne	Stony Plain	23,927	4,300 sq. mls.	5.56
Sturgeon	St. Albert	52,974	3,700 sq. mls.	14.31
Vegreville	Vegreville	28,840	3,700 sq. mls.	7.79
Wetoka	Wetaskiwin	29,616	3,100 sq. mls.	9.55

The categories of staff required to implement Health Unit services, and the number of positions in each category established by the end of 1968, with corresponding figures for the five preceding years, are shown in the following table:

Category of Staff	1968	1967	1966	1965	1964	1963
Medical Officers	22	25	25	24	23	24
Dental Officers	18	25	21	13	13	12
Public Health Nurses .	161	157	151	143	136	143
Public Health Inspectors	36	37	36	37	34	34
Dental Auxiliaries . . .	18	27	20	19	18	14
Dental Assistants . . .	10	17	6	7	6	7
Stenographer-Technicians	76	67	60	57	55	55
Secretary-Treasurers .	25	25	25	24	23	24

NOTE: We have seven full-time dental programs and nine part-time dental programs in the 25 Health Units. Nine Health Units offer no dental program while some units have more than one part-time dental officer.

PUBLIC HEALTH NURSING

Janet C. Bailey, D.P.H.N., R.N., Director,
T. Beryl Ebert, B.Sc., R.N., Nursing Consultant.

The Public Health Nursing Branch provides consultative service to the staffs of the health units, particularly in regard to public health nursing program development and nursing personnel. Direct responsibility for the Municipal Nursing Service is also an important function of this Branch.

The number of nurses employed in both the health units and the municipal nursing service increased in 1968. After experiencing a chronic shortage of public health nurses for some years there were some months in 1968 in which there was no vacancy in either service.

TABLE I

DISTRIBUTION OF NURSES EMPLOYED IN HEALTH UNITS, MUNICIPAL NURSING SERVICE, AND CITY HEALTH DEPARTMENTS IN RELATION TO BASIC QUALIFICATIONS – DECEMBER, 1968

SERVICE	WITH PUBLIC HEALTH PREPARATION				WITHOUT PUBLIC HEALTH PREPARATION					
	Number		Percentage		Number		Percentage		TOTAL	
	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968
Health Units	81	86	50.9	53.7	78	74	49.1	46.3	159	160
Municipal Nurses	5	7	33.3	38.9	10	11	66.7	61.1	15	18
City of Edmonton	50	61	58.1	70.1	36	26	41.9	29.9	86	87
City of Calgary	75	78	96.2	94.0	3	5	3.8	3.8	78	83
	211	232			127	116			338	348

TABLE II

DISTRIBUTION OF NURSES IN RELATION TO POPULATION, AREA, AND POPULATION DENSITY IN HEALTH UNITS AND CITY HEALTH DEPARTMENTS ARRANGED IN ASCENDING ORDER OF POPULATION SIZE – DECEMBER 1968

<table>
<tr><th rowspan="2">Local Health Authority</th><th rowspan="2">Population</th><th rowspan="2">Area in Square Miles</th><th rowspan="2">Population Density</th><th colspan="3">Number of Nurses</th><th rowspan="2">Number of Municipal Nurses</th><th rowspan="2">Nurse-Population Ratio</th></tr>
<tr><th colspan="2">Senior</th><th>Staff</th></tr>
<tr><td>HEALTH UNITS</td><td></td><td></td><td></td><td colspan="2"></td><td></td><td></td><td></td></tr>
<tr><td>Jasper National Park</td><td>2,878</td><td>4,200</td><td>0.68</td><td colspan="2">-</td><td>1</td><td>-</td><td>1:2,878**</td></tr>
<tr><td>Banff National Park</td><td>3,572</td><td>2,600</td><td>1.37</td><td colspan="2">-</td><td>1</td><td>-</td><td>1:3,572**</td></tr>
<tr><td>County of Warner</td><td>8,460</td><td>1,600</td><td>5.29</td><td colspan="2">1</td><td>1</td><td>-</td><td>1:4,230</td></tr>
<tr><td>Chief Mountain</td><td>8,850</td><td>1,403</td><td>6.31</td><td colspan="2">1</td><td>1</td><td>-</td><td>1:4,425</td></tr>
<tr><td>Big Country</td><td>14,177</td><td>8,800</td><td>1.60</td><td colspan="2">1</td><td>3</td><td>-</td><td>1:3,544</td></tr>
<tr><td>Foothills</td><td>20,672</td><td>3,800</td><td>5.44</td><td colspan="2">1</td><td>3</td><td>-</td><td>1:5,155</td></tr>
<tr><td>Chinook</td><td>21,810</td><td>4,000</td><td>5.45</td><td colspan="2">1</td><td>2</td><td>-</td><td>1:5,168</td></tr>
<tr><td>Athabasca</td><td>21,971</td><td>8,500</td><td>2.58</td><td colspan="2">1</td><td>5</td><td>2½</td><td>1:3,047*</td></tr>
<tr><td>Edson</td><td>22,752</td><td>11,000</td><td>2.07</td><td colspan="2">1</td><td>5</td><td>-</td><td>1:3,792</td></tr>
<tr><td>Stony Plain-Lac Ste. Anne</td><td>23,927</td><td>4,300</td><td>5.56</td><td colspan="2">1</td><td>4</td><td>-</td><td>1:4,785</td></tr>
<tr><td>Barons-Eureka</td><td>26,325</td><td>3,000</td><td>8.75</td><td colspan="2">1</td><td>4</td><td>-</td><td>1:5,265</td></tr>
<tr><td>Drumheller</td><td>27,241</td><td>4,200</td><td>6.49</td><td colspan="2">1</td><td>5</td><td>-</td><td>1:4,540</td></tr>
<tr><td>Minburn-Vermilion</td><td>28,079</td><td>5,000</td><td>5.62</td><td colspan="2">1</td><td>6</td><td>-</td><td>1:4,011</td></tr>
<tr><td>Vegreville</td><td>28,840</td><td>3,700</td><td>7.80</td><td colspan="2">1</td><td>6</td><td>-</td><td>1:4,120</td></tr>
<tr><td>Wetoka</td><td>29,616</td><td>3,100</td><td>9.55</td><td colspan="2">1</td><td>5</td><td>-</td><td>1:4,936</td></tr>
<tr><td>Mount View</td><td>29,852</td><td>4,300</td><td>6.94</td><td colspan="2">1</td><td>5</td><td>-</td><td>1:4,975</td></tr>
<tr><td>North Eastern Alberta</td><td>35,722</td><td>6,000</td><td>5.95</td><td colspan="2">1</td><td>9</td><td>-</td><td>1:3,572</td></tr>
<tr><td>Leduc-Strathcona</td><td>36,164</td><td>1,900</td><td>19.03</td><td colspan="2">1</td><td>7</td><td>-</td><td>1:4,520</td></tr>
<tr><td>Grande Prairie</td><td>36,737</td><td>18,400</td><td>1.99</td><td colspan="2">1</td><td>10</td><td>2½</td><td>1:2,990*</td></tr>
<tr><td>Peace River</td><td>37,085</td><td>26,300</td><td>1.41</td><td colspan="2">1</td><td>8</td><td>2</td><td>1:3,813*</td></tr>
<tr><td>City of Lethbridge</td><td>37,760</td><td>12</td><td>3,146.66</td><td colspan="2">1</td><td>6</td><td>-</td><td>1:5,394</td></tr>
<tr><td>Medicine Hat</td><td>49,114</td><td>9,300</td><td>5.28</td><td colspan="2">1</td><td>9½</td><td>-</td><td>1:4,678</td></tr>
<tr><td>Alberta East Central</td><td>50,650</td><td>7,300</td><td>6.92</td><td colspan="2">-</td><td>8</td><td>-</td><td>1:6,331</td></tr>
<tr><td>Sturgeon</td><td>52,974</td><td>3,700</td><td>14.32</td><td colspan="2">1</td><td>9</td><td>-</td><td>1:5,297</td></tr>
<tr><td>Red Deer</td><td>69,072</td><td>4,500</td><td>15.35</td><td colspan="2">1</td><td>12</td><td>-</td><td>1:5,313</td></tr>
<tr><td>Total</td><td>724,300</td><td></td><td></td><td colspan="2"></td><td></td><td></td><td></td></tr>
<tr><td>Areas outside Health Units</td><td>14,108</td><td></td><td></td><td colspan="2"></td><td></td><td>10</td><td></td></tr>
<tr><td>CITIES</td><td></td><td></td><td></td><td>Dir.</td><td>Sup.</td><td>Staff</td><td></td><td></td></tr>
<tr><td>Calgary</td><td>354,856</td><td></td><td></td><td>2</td><td>6</td><td>73</td><td>-</td><td>1:4,381</td></tr>
<tr><td>Edmonton</td><td>393,563</td><td></td><td></td><td>2</td><td>9</td><td>76</td><td>-</td><td>1:4,524</td></tr>
<tr><td>Grand Total</td><td>1,486,827</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>

* Population reduced for ratio by subtracting population served by Municipal Nurses.
**Part-time service.

Professional Training Grants

Twenty-eight nurses who received a professional training grant from the Department of Health graduated in public health nursing with either a degree or diploma. Twenty-five of these nurses attended the University of Alberta, two attended Dalhousie University in Halifax, Nova Scotia, and one attended Queen's University in Kingston, Ontario. Positions were available for all nurses within a few months of graduation but placement was not possible for two nurses, one of whom moved to another province and the other chose to work in another field of nursing.

Thirty-two nurses who are enrolled for the 1968-69 public health nursing course are receiving professional training grants. Thirty are enrolled at the University of Alberta School of Nursing and two at the University of British Columbia.

Senior Nurses' Workshop

The annual Senior Nurses' Workshop was held from May 27 to May 31 at Corbett Hall on the University of Alberta campus. It was sponsored jointly by the University of Alberta School of Nursing, the Department of Extension and the Public Health Nursing Branch of the Department of Health. It was financed by a professional training grant from the Department of National Health and Welfare. Dr. Loretta C. Ford, Professor of Public Health Nursing, University of Colorado, was the guest lecturer and course leader. As Dr. Ford conducted the 1967 workshop and as many of the nurses who attended in 1967 returned for the 1968 sessions, it was possible to continue to study the general topic of supervision in greater depth. Forty-one nurses attended representing the official and voluntary agencies of Alberta which employ public health nurses with supervisory responsibility. The evaluations completed at the end of the workshop indicated that the nurses gained much useful information and guidance. Many requests for the continuance of the workshop on an annual basis were received.

Orientation Course in Tuberculosis Nursing

Again in 1968 there appeared to be a need to continue the three-day orientation or refresher course in tuberculosis nursing which has been offered on a monthly basis by the Division of Tuberculosis Control at the Aberhart Sanatorium. This year sixteen nurses attended from eleven health units and one municipal nursing service and included four newly-appointed senior nurses. We wish to extend our thanks to the Alberta Tuberculosis Association who again paid the expenses of those attending, and the Division of Tuberculosis Control for conducting the course.

Municipal Nursing Service

In order to provide health service and emergency care to remote communities which have limited or no medical facilities and where transportation is difficult thirteen Municipal Nursing Services continue to operate. No new service was started in 1968 but an office was opened in Fort Vermilion which is part of the High Level Municipal Nursing Service. No service was closed during 1968. Two additional nursing positions were added, one at High Level in September and one at Fort McMurray in November, bringing the total to 18 nurses and one clerk. During the year the following services were in operation:

Atikameg – Gift Lake
(4 days per week)
Blueberry Mountain
Bonanza
Calling Lake (½ time)
Fort Assiniboine and District
Fort McMurray and District
High Level – Fort Vermilion
Kinuso
La Crete
Smith
Wabasca
Wanham (½ time)
Worsley

For the first six months of the year the senior nurse on the staff of the Northern Alberta Health Service assisted with the supervision of four of the municipal nursing services which are located outside of health unit boundaries.

The Municipal Nursing Service annual conference was held on October 9, 10 and 11 at the Civil Defence School in the Alberta Block. The main topics presented included a discussion of the proposed administrative changes with the formation of health regions, educational materials for diabetic patients, the use of the audiometer, a nurse's examination of children, emergency health services and the tuberculosis program. The nurses also had an extensive tour of the newly-opened W. W. Cross Cancer Institute and a lecture describing the services it gives.

TABLE III

SUMMARY OF MINOR AND EMERGENCY SERVICES BY MUNICIPAL NURSES

	OFFICE		HOME	
AGE GROUP	1968	1967	1968	1967
Infant	1,413	1,564	211	473
Preschool	3,430	2,337	397	856
School	3,996	1,116	395	757
Adult	8,364	3,474	988	1,716
Geriatric	342	184	172	203
	17,545	8,675	2,163	4,005

	1968	1967
No. of patients referred for medical or hospital care	1,781	1,648
No. of accidents attended by Municipal Nurses	626	622
No. of home confinements attended by Municipal Nurses	23	10

Statistical information in regard to child health conferences, school health services, immunization and other public health nursing service provided by Municipal Nurses is not included here because eight areas have their statistics for these services included in the reports of the health units in which they are located.

TABLE IV

SUMMARY OF OPERATIONAL COSTS OF ALL MUNICIPAL NURSING SERVICES

	1968	1967
Cost of drugs and medical supplies	$ 19,496.00	$ 18,252.00
Total fees collected for services, drugs and medical supplies	15,566.00	13,841.00
Total cost of operation of all Municipal Nursing Services	149,890.00	125,811.00

The Department of Municipal Affairs on behalf of the Local Improvement Districts in which a Municipal Nursing Service is located provide 40% of the total operating cost. The Atikameg – Gift Lake and Calling Lake Municipal Nursing Services operate as Contract Nursing Services and as such, all costs are met by the Department of Health.

Maternal and Child Health

During 1968 the Nursing Consultant made a total of nineteen visits to fifteen health units and one municipal nursing service. The main object of these visits was to discuss public health nursing programs with the senior personnel and to assist with in-service educational programs. One-day workshops on the Child Health Conference were held in two units at which times the staff of the neighboring units participated. Plans are going ahead for similar workshops in other health units with a view to extending the services offered at Child Health Conferences. Another workshop was conducted at Peace River for hospital nurses as well as public health nurses. The theme for this one which was organized by the Northern District of the Alberta Association of Registered Nurses was Maternal Health.

The Manual of Related Services underwent a major revision. This book contains detailed information and describes services offered by over sixty agencies who offer some type of health service to the public. In addition to filling a definite need for both official and voluntary health agencies, this book has been supplied to many other service agencies throughout the province.

Public Health Nursing Activity Study

The decision to conduct a detailed study of public health nursing activities in Alberta was made following requests from nurses in a City Health Department and several health units for assistance in conducting time studies. Interest had been expressed in learning more about public health nursing programs, for example, what groups of people received the most nursing service and how much time was required for travel in order to carry out the nursing programs. As the Canadian Public Health Association had published their report of "A Study of the Activities of Nursing Personnel in Six Health Units and Municipal Health Departments in One Province of Canada", the Planning Committee for the Alberta Study decided to use the same study method. Personnel from the City of Edmonton Health Department and the Provincial Department of Health were equally involved in planning and conducting the study, which was carried out in April.

The purposes of the study were:

1. To determine how the time of nursing personnel in a City Health Department and in some health units is distributed:
   a. By type of activity – such as nursing service, administration, travel, meetings, in-service education, etc.
   b. By programs – such as prenatal and postnatal programs, child health conferences, school health services, communicable disease control, etc.
   c. By place of activity – such as home, school, car, office.
   d. By type of person contacted by the nurse – children, school personnel, parents, private physicians, etc.
   e. By how the contact was made – face-to-face, telephone, etc.
2. To determine the pattern of activities of nursing personnel in the areas studied.
3. To make constructive evaluations of the present nursing activities with a view to giving consideration to better use of nursing time where indicated.

The study method used in the Canadian Public Health Association project was followed for the Alberta study. All nurses participating recorded all their activities for five consecutive days. Activities were then coded according to time, what was being done, why, for whom, where, and who was contacted. The Division of Epidemiology of the Department of Health then transferred the coded information onto I.B.M. cards and prepared computer programs.

Meetings and Conferences

In addition to participating in the workshops and conferences sponsored by the Division of Local Health Services, the Nursing Consultant gave a lecture to each class of nurses attending the Emergency Health Services courses. Meetings of the Family Life Education Sub-committee of the Department of Education and the Edmonton meetings of the Perinatal Mortality Committee of the Alberta Medical Association were also attended.

DENTAL HEALTH SERVICES

A. T. Salter, D.M.D., D.D.P.H., Director

Relation to Health Unit Programs

Acts as a consultive and advisory service in planning, implementing, and continuing preventive and educational dental health programs to meet community needs in Health Units and City Health Departments. This service is made available to all health agencies.

A liaison with the profession of dentistry is maintained through the Alberta Dental Association.

Acts as consultant to the Volunteer Dentist Program, Dental Auxiliary Training Program, Dental Auxiliary Advisory Board, Dental Technician Board and to the teaching profession.

Descriptions of Services

Basic dental health principles are utilized by the dental officers and their dental auxiliary/hygienist staffs to achieve dental health objectives. These principles are:

(1) To undertake the collection and evaluation of baseline data on dental conditions.

(2) To encourage and assist in prevention by:

  (a) Intensive and continuous dental health education throughout the community with particular emphasis on the importance of those preventive measures which can be carried out only by the individual himself or as a member of his family group.

  (b) The use of those preventive measures which can be provided only through community effort such as fluoridation of communal water supplies.

  (c) The use of preventive measures which can be rendered by the dental profession and dental public health personnel.

(3) To encourage the early diagnosis and systematic treatment of those conditions which cannot be prevented in the light of present scientific knowledge.

(4) To make available dental treatment services to rural areas by means of the Volunteer Dentist Program.

(5) To recruit candidates for the Dental Auxiliary Training Program.

(6) To encourage research

In summary the programs are basically preventive and educational in nature providing for statistical surveys and evaluation with baseline data, dental health education, inspections and consultations with the parents and students of preschool and school age up to grade 12, referral to the family dentist, prophylaxis and topical applications, research, and varying degrees of actual dental care to limited age groups depending upon local circumstances. The rendering of emergency dental services for the immediate relief from pain, haemorrhage and infection in the oral cavity. The administration of the oral fluoride program and the encouragement of communal water fluoridation.

Objectives

Statistics received from provincial and national surveys indicate more than ever before in our history that the incidence and prevalence of dental diseases and their many sequelae have not been substantially reduced through secondary prevention of treatment alone and it is apparent more than ever before that primary prevention is the approach to the national problem through means of education to motivate the public to accept, appreciate and practise basic preventive methods of dental health.

Dental health preventive services should become an integral part of health unit services generally. Its success will be governed to a large degree by its acceptance and utilization by the public.

Young children and their parents require guidance counselling; in the teenage groups it is often the last opportunity these students will have of being exposed to preventive health teachings. These students are the parents of tomorrow and should be given every opportunity to learn and accept the teachings of good dental health which can be passed on to their children.

The objectives can be summarized as follows:

> To promote and have accepted by the public that good oral health is a personal responsibility of the individual and is accomplished by placing the emphasis on the prevention of oral diseases and oral maldevelopment; to encourage early treatment and maintenance of the oral tissues and natural dentitions; to promote the development of procedures for the early detection and control of such conditions when they are not prevented; to promote principles of prevention and education and develop the attitudes that will motivate the public to accept, practise and demand these preventive and control measures.

One of the obvious dental health problems in Alberta is the unequal distribution of treatment services between urban and rural areas at the expense of the rural communities where there is no reasonable access to dental services. In order to alleviate this problem to a degree the Volunteer Dentist Program was established.

Comments

The results of dental neglect remain with the individual for a lifetime affecting his general health, appearance, (social activities, employment opportunities), speech and masticatory enjoyment, etc. The most immediate impact of dental neglect may be assessed in terms of the cost of treatment and for the prospect of wearing dentures at an early date. This is most unfortunate as most dental diseases can be prevented.

Dental Preventive Health Services

There are 16 preventive and educational dental health programs established as integral health unit services within the 25 established health units. Seven programs are directed by full-time dental officers, three possessing public health qualifications, and 9 are supervised by 13 part-time dental officers.

Eighteen dental auxiliary/hygienists are employed within 13 health units and 10 are employed by City Health Departments administered by 2 full-time dental directors both holding their public health diplomas.

Dental Auxiliary Training Program
Professional Training Grant Project No. 608-2-188
Summary Return-in-Service, January 1 – December 31, 1968

	Graduated	Presently Employed	
		Health Units	City Health Departments
Course No. 1 (1961-63)	19	3	2
Course No. 2 (1962-64)	18	2	1
Course No. 3 (1963-65)	10	1	3
Course No. 4 (1964-66)	8	3	1
Course No. 5 (1965-67)	4	4	0
Course No. 6 (1966-68)	11	5	3
	70	18	10
		Total 28	
Course No. 7 (1967-69)	10 to graduate		
Course No. 8 (1968-70)	13 to graduate		

DENTAL HEALTH PROGRAMS
Permanent Staff at December 31, 1968

Health Unit	Dental Officers Full-Time	Dental Officers Part-Time	Dental Auxiliary/ Hygienist	Dental Assistant
Athabasca	0	1	2	0
Banff National Park	0	2	0	0
Barons-Eureka	1	0	0	1
Edson	0	3	1	1
Grande Prairie	1	0	1	1
Jasper National Park	0	1	0	0
Leduc-Strathcona	0	1	2	1
Medicine Hat	1	0	1	1
Minburn-Vermilion	0	1	1	0
Mount View	1 D.D.P.H.	0	1	2
North Eastern Alberta	0	1	2	1
Peace River	0	2	1	0
Red Deer	1	0	3	1
Stony Plain-Lac Ste. Anne	1 D.D.P.H.	0	1	1
Sturgeon	1 D.D.P.H.	0	1	0
Vegreville	0	1	1	1
CITIES				
City of Edmonton	1 D.D.P.H. (1 Clinical)	0	7	7
City of Calgary	1 D.D.P.H. (1 Clinical)	0	3	1
	9 D.O.H. 2 Clinical	13	28	19

Third Year Dental Student Summer Program

Six third-year dental students were utilized by health units during the summer months. These programs were preventive and educational and offered inspections, topical fluoride applications, consultations, toothbrushing instructions and referrals to the family dentist. The services were made available to pre-school and elementary school children and were well received by the communities.

Volunteer Dentist Program

Communities Requesting Programs	Dates of Clinics
Lac La Biche	January 22 – February 5th
Lac La Biche	March 18th – March 30th
Lac La Biche	May 20th – June 1st
High Level	May 19th – May 28th
Lac La Biche	July 14th – July 27th
Oyen	August 7th – September 7th
Lac La Biche	September 15th – October 5th
Cereal	October 22, 23 and 29th
Lac La Biche	November 17th – November 30th

Treatment and preventive services were made available to these rural areas for a total of 118 days equaling 944 operating hours accommodating on an average of 20 patients per day.

From January 1, 1961 to December 31, 1968, ninety-three programs have been undertaken by members of the Alberta Dental Association in cooperation with the Department of Health.

One complete set of modern dental equipment was purchased and adapted for transportability, simple on-the-spot assembly and requiring a minimum of clinical space.

Dental Health Seminars

Under the sponsorship of Federal Health Grant Project No. 608-13-17 the Public Health Committee of the Alberta Dental Association in cooperation with the Provincial Department of Health undertook three dental health seminars in communities in the following health units:

Big Country – in the communities of Hanna, Cessford and Youngstown.

Sturgeon – in the communities of Barrhead and Westlock.

Minburn-Vermilion – in the communities of Wainwright, Irma, Chauvin and Edgerton.

Each seminar was of one-day duration and over 4,000 junior and senior high school students and their teachers were exposed to preventive dental health teachings by means of films, slides, lectures, question-answer and quiz sessions.

Appreciation is expressed to the following participating clinicians: Dr. P. D. Finnigan, Dental Officer of Health, Stony Plain-Lac Ste. Anne Health Unit; Dr. W. Simpson, Head, Paedodontic Department, Faculty of Dentistry, University of Alberta; Dr. G. Geldart, Chairman, Social and Community Dentistry, Faculty of Dentistry, University of Alberta; Dr. B. Mackenzie, Paedodontist, Edmonton; and to Dr. George Clarke, Chairman of the Public Health Committee, Alberta Dental Association.

Canadian Dental Survey

The World Health Organization developed a recording system for dental epidemiological surveys which can be used on an international basis.

The system provides a wide spectrum of facets of dental health including dental caries, periodontal disease, oral hygiene, malocclusion, number of teeth present, number of teeth requiring extraction, number of teeth needing restorations, types of appliances present.

This methodology was demonstrated in Canada at the 1967 annual meeting of the Canadian Public Health Association. All provinces have been requested to participate.

The dental sampling on a stratum basis, to include approximately 3,000 subjects, ages 7-17, was formulated with the assistance of Dr. E. S. O. Smith, Division of Epidemiology. Seven health units and the two city health departments have indicated their willingness to participate.

Controlled Fluoridation as of December 31, 1968

There are 27 communities with fluoride-adjusted water systems supplying 30 communities with a population of 505,328 representing 46.8% of the population served by piped water systems and 33.3% of the population of Alberta. An additional 36,000 persons are using potable waters with natural fluoride contents of 0.9 plus parts per million.

Fluoridation Plebiscites

Two plebiscites were held of which one was successful.

Successful Plebiscites – Awaiting Installation

Eight communities with a population of 15,619 are awaiting installation of equipment.

Dental Technicians Board

Two regular meetings were attended in the capacity of Secretary-Registrar.

Thirteen candidates undertook the written and practical examinations for the Registered Dental Technician Certificate. Eight were successful and five failed.

There are 71 Registered Dental Technicians in Alberta.

Oral Fluoride Program

This program commenced during the month of October in 1966. From October 1966 – December 31, 1968, it has been reported by the health units and city health departments that 37,603 bottles of tablets have been dispensed on 37,751 prescriptions which include 12,635 refill prescriptions. For fluoride drops 40,264 bottles were dispensed on 40,151 prescriptions which include 10,077 refill prescriptions.

It is to be noted that the City of Edmonton commenced communal fluoridation in June of 1967, and therefore is not included in the following tables.

FLUORIDE TABLETS (100 tablets/bottle)
October 1966 – December 31, 1968

	-1 yr.	1-4 yrs.	4-8 yrs.	8-12 yrs.	+12 yrs.
October 1966 – December 31, 1967					
Bottles dispensed on 19,891 Rx including 4,737 refill Rx					
19,811	52	4,492	8,445	5,583	1,239
Bottles dispensed on refill Rx					
4,737	19	955	2,110	1,348	305
Bottles dispensed on original/new Rx.					
15,074	33	3,537	6,335	4,235	934
January 1 – December 31, 1968					
Bottles dispensed on 17,670 Rx including 7,848 refill Rx					
17,601	2,488	5,113	6,293	2,975	732
Bottles dispensed on refill Rx					
7,848	7	1,676	3,876	1,983	306
Bottles dispensed on original/new Rx					
9,753	2,481	3,437	2,417	992	426
Total Bottles Dispensed Oct. 1966 – Dec. 31, 1968					
37,412	2,540	9,605	14,738	8,558	1,971
Total Refill Rx Filled Oct. 1966 – Dec. 31, 1968					
12,585	26	2,631	5,986	3,331	611

FLUORIDE LIQUID (30 mls/bottle)
October 1966 – December 31, 1968

	-1 yr.	1-4 yrs.	4-8 yrs.	8-12 yrs.	+12 yrs.
October 1966 – December 31, 1967					
Bottles dispensed on 21,397 Rx including 3,564 refill Rx					
21,313	3,036	8,061	7,132	2,719	365
Bottles dispensed on refill Rx					
3,564	244	1,240	1,456	540	84
Bottles dispensed on original/new Rx					
17,749	2,792	6,821	5,676	2,179	281
January 1 – December 31, 1968					
Bottles Dispensed on 18,754 Rx including 6,504 refill Rx					
18,669	3,048	6,419	6,325	2,420	457
Bottles dispensed on refill Rx					
6,504	96	1,732	3,137	1,345	194
Bottles dispensed on original/new Rx					
12,165	2,952	4,687	3,188	1,075	263
Total Bottles Dispensed October 1966 – December 31, 1968					
39,982	6,084	14,480	13,457	5,139	822
Total Refill Rx Filled Oct. 1966 – Dec. 31, 1968					
10,068	340	2,972	4,593	1,885	278

HEALTH EDUCATION SERVICES

Léo E. Marinier, Director

The Directorship of the Branch of Public Health Education has now been filled with a permanent staff for fifteen months, assisted by a secretary, and two staff members doing film bookings and the shipping of publications on a quota based on the population of Health Units and the city Health Departments.

Public health education is concerned with the appreciation of getting people and groups involved in doing things for themselves, to meet personal, group and community needs. It operates on the concept of increasing one's responsibility for his own health and to realize a concern for the same habits in his neighbours.

With this basis, the Branch's work load had a substantial growth in the past year, and had greatest involvement in the following areas: drug abuse, cancer, smoking and health, venereal diseases, pollution control (air, water, soil), tuberculosis, noise prevention, poison control, farm safety, school health education and curriculum planning, planning committees, consultation on public health problems, and other minor obligations.

The Director was asked to serve on the planning committee of the Western Canada Farm Safety Conference by the Alberta Safety Council as Vice-Chairman – Alberta will be host to the annual conference scheduled to take place in Banff in February of 1969. Plans are being initiated by some Department of Health personnel to form a panel of professionals doing original research in the area of noise and farm safety. Manitoba, Saskatchewan, Alberta, and the University of Alberta are to participate; health units who have special interest because of their rural population have shown interest in participating.

The Director, working closely with the staff of the Division of Social Hygiene, has formulated the greatest part of a programme in venereal diseases education. An aid in the form of a filmstrip entitled *The Story of Venereal Diseases* was produced and two new publications were written to accompany the filmstrip also entitled *The Story of Venereal Diseases.* One is a guide, the other is a give-away pamphlet for audience participation and information. Care was taken to select colour, theme, and easily understood narrative. The programme is geared to educate the hard-to-reach population – Eskimos, Metis, Indians and less-educated whites. The materials were developed through close working relations with the Department of National Health and Welfare, local health units, Division of Medical Services, and Department of Health staff. A special mailing box is being prepared, and help is being given to Division staff and community leaders on the use of the aids. Plans are to test the filmstrip on varied community groups, and work toward total programme involvement.

The Director, with the help of voluntary health agencies and Health Department staff, reviewed a great number of films, booklets, books and other educational materials for ideas and programme possibilities. A space to house the Department of Health Library was provided as a new addition to the Branch, and now houses some of the Department's permanent acquisitions; books procured through the Federal Health Grants will supply some of the library needs.

The Provincial Health Film Library was extremely active this past year – overtaxing our facilities, and making it impossible to meet our commitments. The Director worked closely with the Department of Education and the Department of Industry and Tourism to find a possible solution – by the end of the year a comprehensive study had been made, which gave us an indication of the film usage of specific groups and organizations. Plans are being finalized to have this Department work closely with that of Education, and have their Audio Visual Branch undertake to book for schools while we set our priorities on concepts of public health education – working with health units, voluntary health organizations, Department of Health personnel, community organizations, universities and colleges, and those concerned with selected programmes.

This year a province-wide poison control programme was initiated, based on the mass media. There were over thirty television releases which blanketed the entire province with four specially produced eight-second spots. Eight exhibits were produced that were portable and could be used by health unit staff in their talks, child health conferences, offices, and in their communities. Two publications were especially prepared – *10 Little Tasters* and *Poison Proof Your Home* – these are to fit in special pockets on either side of the displays. The programme is geared to both preschoolers and their parents.

The Director, at the request of a number of Divisions and programmers, revised, printed and aided on the revision of a number of publications. Some had been started in the preceding year, and some worked on this year will only be available next year. Those that were finalized are: *How to Poison Proof Your Home, Confidentially to Teenagers, LSD, 10 Little Tasters, Protection of the Community Food Supply, Preventing Tooth Decay, As Boys Grow, Alberta Cerebral Palsy Clinic,* and *Mental Health Services.*

The Director gave presentations to a great variety of groups in varied areas of interest directly related to health. The following are examples of the groups given presentations: University of Alberta teachers' groups and classes, penal institutes' staff and inmates, YMCA study and special interest groups, health unit staff and voluntary health organizations, men's groups on venereal diseases, and other community groups. Consultative help was granted to a number of schools and colleges throughout the province; support in school health education programme planning was extended to health personnel at the University of Alberta and NAIT, and many interviews extended to individuals concerned with exhibits, lectures, papers, and programme planning for seminars and conferences.

Since 1967, the Director has been involved in a seven-member planning committee – initiated by the

Extension Division and the University of Alberta, Health Education Section – to plan the Western Canada Health Education Conference. The Conference took place in May and attracted participants from Ontario, Manitoba, Saskatchewan, and British Columbia. The greatest number were from Alberta with a well represented cross-section from all disciplinary areas of Health Education. The committee was retained to act as consultants for similar conferences which are to take place in other sectors of Canada – a proposed institute is being planned in conjunction with the annual meeting of the Canadian Public Health Association in Halifax next year.

During the past year the Director attended the Canadian Public Health Association Meeting and the Canadian Health Education Specialists Society Annual Meeting which were held in Vancouver. While in British Columbia, the Provincial Health Department, Division of Public Health Education was visited and programmes and facilities compared. Within the province, the following conferences were attended, either as a participant or a delegate: Canadian Public Health Association – Alberta Division, Lethbridge; Teen Conference on Drug Abuse, Lacombe; Western Canada Health Education Conference, Edmonton; Canadian Conference on Alcoholism, Edmonton; First Provincial Drug Abuse and Narcotic Seminar, Edmonton; First Youth Conference on Alcohol and Drug Problems, Edmonton; Alberta Advisory Committee on Pollution Control, Edmonton; School Counsellors' Seminar, Edmonton; Canadian Cancer Society Annual Meeting, Edmonton. The Director was involved in preparing and delivering talks in the following health areas: cancer education report; farm safety; venereal diseases (one presentation in French); drug abuse; dental public health; the use of resources, methods, and techniques in public health education, and discussions centering around the work of the Branch.

During the past year eighteen health units were visited and given some supportive aid – a total of twenty-five trips were made to health units outside Edmonton to aid or discuss programmes.

NUTRITION SERVICES

Elva M. Perdue, B.Sc. (H.Ec.), B.Ed., Nutritionist

In 1968, Nutrition Services continued to operate with a nutritionist and a clerk typist and to provide assistance with nutrition programs to both public and private agencies. More time is devoted each year to giving consultant service to public health staffs, both in the field and central office, as well as to personnel in institutions and other government departments. In addition, individual and group counselling was again given to students and personnel in fields such as nursing, education, home economics, dietetics and sanitation.

For the sake of clarity in summarizing the activities of Nutrition Services, examples of some of the activities are outlined under the following five broad headings:

Consultant Services to Public Health Personnel
Consultant Services to Institutions
Consultant Services to Other Government Departments and Agencies
Education Services
Miscellaneous

Consultant Services to Public Health Personnel

These services were again available to staff in both official and non-official agencies and follow the same general pattern each year. Public health personnel are relied upon to incorporate nutrition into their teaching during home and school visits, child health conferences, prenatal classes, and so forth. They are assisted in every way possible, both directly and indirectly.

A considerable amount of time was spent researching information on a variety of subject areas for medical officers of health, public health nurses, industrial nurses, dental auxiliaries, and personnel in the Department. In addition, nurses from seven health units were assisted with the preparation of their nutrition lectures for prenatal classes, and because of this interest it was necessary to reprint the prenatal score sheet entitled, "EAT IT! SCORE IT!"

Four health units were assisted with programs to help teen-agers follow weight reduction diets prescribed by physicians. Also, two industrial nurses were assisted with similar programs for employees in their plants. In addition, background information was supplied to seven municipal nurses so that they could interpret doctors' diet orders to patients. The nutritionist also discussed diabetic and other therapeutic diets at the Municipal Nurses' annual conference.

The nutritionist co-operated with the dental auxiliaries in the promotion of their mutual aims in the field of nutrition and dental health education. Specific problems were discussed and recommendations were made as to the nutrition films, publications, posters and other teaching aids which would be useful in the dental education programs.

A report on Vitamin D enrichment of milk was prepared for the Deputy Minister of Health and the Provincial Board of Health.

Library service is still made available to central office and field personnel by means of a small nutrition library. Routine circulation of new journals to interested persons has continued, and other publications have been loaned upon special request. These continue to be popular services and much use has been made of them during the year.

Consultant Services to Institutions

In 1968, consultation and technical assistance to food service personnel in various types of institutions that do not have a dietitian on staff comprised no mean item in the work of Nutrition Services.

The nutritionist planned, directed and participated in a two-week dietary training program sponsored by the Alberta Hospital Association and the Southern Alberta Institute of Technology. This course was attended by 33 senior dietary personnel from 32 hospitals and nursing homes. Forty different teaching aids were designed and mimeographed by Nutrition Services. These materials have since been distributed in response to requests from other institutions.

Nutrition Services continued to distribute standardized quanitity recipes from a number of sources. Recipe cards from the Department of Fisheries, for example, were again made available quarterly to institutions of various sizes in the province, as well as to the Alberta Hospital Association for distribution to its members.

One hundred and eighty-four weeks of menus from 25 nursing homes were reviewed, and written reports were prepared for the Deputy Minister of Hospital Services. However, this service was discontinued late in 1968 because of an extension of services to the provincial institutions.

An assessment of the dietetic positions in the Aberhart Memorial Sanatorium was completed for the Deputy Minister of Health. Also, in response to a request from the Director of the Mental Health Division, assessments of the dietary departments in Rosehaven and Deerhome were undertaken.

A survey of out-patient diet counselling available in Alberta was completed for the Deputy Minister of Hospital Services. This information was used to complete a questionnaire prepared by the Consultant in Dietetics in the Hospital Insurance and Diagnostic Services of the Department of National Health and Welfare.

Eight schools were given assistance with school lunch programs, and three colleges were given assistance with the operation of their cafeterias. This ranged from help with menu planning to in-service education of the staff. Similar assistance was given to four groups planning summer camps.

In addition to the foregoing services, 26 letters and 11 telephone calls from personnel in small institutions were dealt with during the year. These provided assistance with menu planning, food purchasing, standardized quantity recipes and therapeutic diets, etc.

Consultant Services to Other Government Departments and Agencies

The third broad area of the nutrition program pertains to consultant services given to other government departments as well as non-official agencies. The nutritionist continued to co-operate with Provincial Departments of Agriculture, Education and Public Welfare, and with the Federal Government Departments of Agriculture, Fisheries, and National Health and Welfare, in an exchange of information, ideas and materials.

A close working relationship was also maintained with a number of non-official agencies which include, among others, Canadian Diabetic Association, Milk Foundation of Edmonton, Bakery Foods Foundation and Dairy Farmers of Canada. The nutritionist worked closely with the western diet counsellor of the Canadian Diabetic Association in replying to enquiries about diet exchanges and in the field of professional education concerning diabetic diets. Publications on diabetes were also received from this agency.

Food allowance scales for social assistance for the Alberta Department of Public Welfare were again revised in co-operation with personnel in the Alberta Department of Agriculture. This required a total of five and one-half days. In addition, reference materials and publications were supplied to welfare field workers, and menu suggestions, standardized quantity recipes and serving guides were provided to personnel in child care institutions and homes for unmarried mothers.

In response to a request from the chief of the consumer section of the Canada Department of Agriculture, a list of all institutions and organizations in the province which could make use of tested information on Canadian agricultural products was compiled.

The nutritionist also served on a committee to prepare the estimated cost of provincial participation in a proposed national nutrition survey to be sponsored by the Food and Drug Directorate of the Department of National Health and Welfare. As well, tentative plans were made with the zone nutritionist in Medical Services of the Department of National Health and Welfare, for programs which might be undertaken or sponsored jointly.

During the year the nutritionists in the Edmonton area, from both official and non-official agencies, held informal meetings once a month to review current literature and discuss program plans. It is felt that this continuous interagency planning and evaluation prevents overlapping of services and promotes better use of available resources.

Educational Services

As in past years, instruction in nutrition for professional and technical trainees, schools and the general public accounted for many hours of the nutritionist's time.

Eleven public health nursing, three dental auxiliary and nine education students from the University of Alberta, as well as a student public health inspector, were assisted with their nutrition assignments. In addition, 14 student nurses from hospital schools of nursing and six students from the dietary technology course at the Northern Alberta Institute of Technology were assisted.

The nutritionist continued as a member of the advisory committee for the Dietary Technology courses offered at both the Northern and Southern Institutes of Technology. As well, a number of teaching aids and resource materials were made available for other courses given at the Institutes.

As in past years the nutritionist co-operated with individual teachers in developing educational programs to overcome specific weaknesses in student food habits. To supplement the classroom instruction, publications, posters and other teaching aids were made available, as were instructions for conducting animal feeding demonstrations.

The nutritionist spent considerable time assisting teachers in vocational high schools with reference materials and teaching aids for courses in commercial cooking. A number of textbooks, charts and exhibits were loaned for use in these classrooms. Reference materials and publications have also been made available to teachers in the Alberta NewStart program.

A total of 13 lay groups and organizations called upon Nutrition Services for assistance with programs. In addition, individual counselling via telephone calls, personal visits to the nutritionist's office and letters from the lay public has increased steadily. These included the interpretation of 77 therapeutic diets prescribed by doctors and replies to 215 requests for general nutrition information. While many of these were referred to the local health authority for attention, pertinent information was usually sent with the original request. In other cases the reply was sent directly from the nutritionist's office.

As a center for public information on nutrition in the Province, Nutrition Services maintains an assortment of pamphlets, posters and exhibits, obtained from various sources which include official and non-official agencies. When new nutrition material is received, it is evaluated and if scientifically accurate it is stocked for distribution. As well, some mimeographed materials on specific areas of nutrition are prepared and distributed by Nutrition Services.

During the year, 23 films were previewed and assessed for their suitability for inclusion in the Health Education Film Library.

Miscellaneous

In addition to the activities described, there were a multiplicity of others which defy classification. These range from such things as participation on examining boards and the surveying of employment opportunities for dietary personnel in Alberta. The preparation of many small reports and research materials for various government offices, organizations and individuals also continued to require a considerable amount of time.

In 1968, Miss M. Ballantyne and Miss D. Sinclair from the Nutrition Division of the Department of National Health and Welfare in Ottawa, and Miss F. Swan from Teachers College in Fredericton, were visitors to the province; the nutritionist arranged their schedules and made appointments for them to meet with individuals concerned with nutrition programs in Alberta.

DIVISION OF MEDICAL SERVICES

C. L. Pearson, B.Sc., M.D., D.P.H., Director

The Division of Medical Services is the administrative structure of the Department of Health concerned with medical and para-medical treatment services. The branches of this Division are as follows:

1. Emergency Health Services
2. Special Handicapped Children's Programs
3. Registry for Handicapped Children and Adults
4. Cystic Fibrosis Program
5. Diabetic Treatment Program
6. Phenylketonuria Program
7. Rheumatic Fever Program
8. Emergency Air Ambulance Service
9. Poliomyelitis Treatment Program
10. Treatment Services for Social Service Recipients
11. Schools for Nursing Aides
12. Registry for Nursing Aides
13. Health Careers Recruitment Program
14. Laboratory and X-Ray School
15. Northern Alberta Health Services
16. Cerebral Palsy Clinic
17. Poison Control Service
18. Civil Service Nurse

In the administration of the various programs operating through the Division of Medical Services, the Division becomes involved with the following Acts: The Treatment Services Act, The Poliomyelitis Sufferers Act, The Nursing Aides Act, The Health Unit Act, The Public Health Act, The Medical Profession Act, The Nursing Service Act, The Civil Defence and Disaster Act, The Alberta Hospitals Act, The Homestead Lease Loan Act, The Motor Vehicle Accident Claims Act, The Chiropractic Profession Act, The Naturopathy Act, The Optometry Act, The Ophthalmic Dispensers Act, The Podiatry Act, The Public Welfare Act.

EMERGENCY HEALTH SERVICES

This organization is responsible to the Minister of Health through the Division of Medical Services. Its functions are two-fold:

1. To establish a system of Emergency Health Services throughout the province to meet all emergencies and the provision of necessary medical care for the maximum portion of the population.
2. To assist and advise all Active Treatment, Auxiliary and Alberta Hospitals in the province in the preparation of a Disaster Plan to meet with any disaster and to test the efficiency of this plan.

The Director, Alberta Emergency Health Services, is Dr. A. G. McLaren. Associated with him are an Assistant Director, one Nurse Consultant, one Stores Officer and one Clerk Stenographer III.

The Emergency Health Services program of planning, training, stockpiling and orientation showed favorable progress. Sixteen Hospital Disaster Exercises were held with five hospitals conducting repeat exercises and eleven hospitals conducting their initial exercises. A total of eighty-eight hospitals have exercised their disaster plans, of which twelve have had two or more exercises. The 200 bed training Emergency Hospital was used for two training exercises, each of one week duration, and public displays.

Alberta has exceeded its allocation of 230 Hospital Disaster Units by issuing a total of 251 Units to date, to hospitals who have completed and successfully exercised their disaster plans. Twenty-four 100 Blood Donor Packs have been stored in nineteen hospitals outside Edmonton and Calgary. Eight are held in reserve in Edmonton. Twenty-three of the twenty-five allocated Casualty Collecting Units have been pre-positioned. Of the twenty-four Advanced Treatment Centres allocated to Alberta, eighteen have been stored at their pre-planned storage site. Seventeen Emergency Hospitals have been pre-positioned. Alberta's allocation is twenty-one.

The above figures include training units for: Hospital Disaster Kits, Casualty Collecting Units, Advanced Treatment Centres and Emergency Hospitals, supplied by the Federal Government.

Those units still to be pre-positioned; two Casualty Collecting Units, six Advanced Treatment Centres and four Emergency Hospitals are in storage at Canadian Forces Base, Calgary (Medical Equipment Depot), bringing all allocated units within the provincial borders.

A total of forty-four lectures were given to: Schools of Nursing, the Faculty of Dentistry, the Faculty of Pharmacy, Dental Hygienists and courses at the Emergency Measures School.

The appointment of the Edmonton Area Medical Director was confirmed and his terms of reference delineated. Cost of this service amounted to $51,783.82 during the year.

SPECIAL HANDICAPPED CHILDREN'S PROGRAMS

Provision is made under The Treatment Services Act to cover those programs which include the Thalidomide Program, the Multiple Handicapped Children's Unit at the Glenrose Provincial General Hospital and the Juvenile Amputee Clinics.

The Department continued certain responsibilities which were authorized in October, 1963, involving six children with full Phocomelic defects presumably due to thalidomide and the cost of this program during the year amounted to $891.55.

The Multiple Handicapped Children's Unit was established in April of 1964, and during the calendar year ending December 31, 1968, 715 patients were examined, of which 187 were new patients and 528 were review cases.

The Juvenile Amputee Clinics which were established at the University of Alberta Hospital, Edmonton, in June of 1964 and the Alberta Children's Hospital, Calgary, in December, 1965, continued on a consultant basis and for the twelve-month period ending December, 1968, the Edmonton clinic examined 140 patients, of whom 7 were new patients and 133 were review patients and the clinic in

Calgary examined 99 cases, of whom 9 were new patients and 90 were review cases. The total cost to the Division of Medical Services of operating the Juvenile Amputee Program and the Multiple Handicapped Unit amounted to $56,113.69.

REGISTRY FOR HANDICAPPED CHILDREN AND ADULTS

Since its inception, September 1, 1963, the Registry has accumulated a case load of 17,483, of which 1,374 are deceased. New cases are registered at the rate of about 200 per month and 2,439 new cases were reported in 1968. When a notification of death is received, the case is removed from the alphabetical file and placed in a separate one, which includes the cards for stillborn babies who were registered because of congenital anomalies. These cases numbered 248.

The Registry participates in the Federal Anomalies Surveillance Program, weekly lists being submitted of all congenital anomalies listed on the "Physicians' Notice of Live Births and Stillbirths". We are grateful to the Division of Vital Statistics for their co-operation in making this information available to us.

Several requests were received for statistics regarding various handicapping conditions as follows:

1. Intellectually normal but neurologically handicapped children – a study by Dr. E. W. Gauk for the Province of Alberta,
2. Blind and Deaf Children – Division of Medical Services,
3. Muscular Dystrophy and related diseases in August – a Canada-wide survey by the Muscular Dystrophy Association,
4. Visually handicapped children up to 21 years of age, statistics compiled in December for Mr. K. T. McKie of the Department of Special Education,
5. Deaf and hard of hearing children statistics for Dr. R. Shea.

Statistics only are provided, requests for names and addresses were refused, while pointing out that contact with handicapped persons can always be made by the Registry through the Health Units in which these people reside. Thus the individual or his parents can be apprised that an organization is ready to help him with his problem and it is then his concern whether he wishes to participate or not in the study or program available. This liaison between the handicapped and various charitable and service organizations and departments of government is one of the functions of the registry which has not, as yet, been developed to its fullest capacity and is perhaps something which should be attempted more vigorously in the future.

We would wish that physicians and local health personnel would acquaint patients of the many facilities available throughout the province to help them with their problems. In this way, service organizations such as the Paraplegic Association which has much to offer a paraplegic patient in advice and assistance, would be enabled to communicate with those whom they wish to serve.

The cost of operating the Registry amounted to $11,919.12 during the fiscal year.

CYSTIC FIBROSIS PROGRAM

This program commenced in May of 1964 and was established to provide antibiotic drugs and pancreatic enzymes necessary for the treatment of children suffering from this condition. This action was deemed necessary because of the high cost of this often life-saving treatment which was beyond the means of many.

A child is registered on this program by his or her physician using criteria recommended by the Special Drugs Advisory Committee. The drugs are provided free of charge and without a means test to child registrants up to the eighteenth birthday. Eighty children were receiving these drugs during the calendar year 1968, and the expenditure incurred by the Department amounted to $9,697.61.

DIABETIC TREATMENT PROGRAM

The Department of Health provided, without charge, insulin to diabetics who are residents of the Province of Alberta. The program commenced in 1927 and treatment is provided through a means test upon application by the patient through his or her own physician. In 1959, the program was expanded to provide the oral hyperglycemic medication "tolbutamide" for those persons capable of being treated with this drug instead of insulin. In June, 1962, "phenformin" was included under this program for certain persons. In November, 1965, "chlorpropamide" was added to the program. Several patients are being treated with combinations of these drugs.

The number of persons using these drugs during 1968, with the 1967 figures in brackets, are as follows: Insulin – 364 (418), Tolbutamide – 573 (596), Phenformin – 164 (172) and Chlorpropamide – 77 (62), making a total of 1,178 (1,248).

In 1968, the cost of the insulin program amounted to $17,517.79, tolbutamide $12,600.00, phenformin $3,162.00 and chlorpropamide $262.50, resulting in a total expenditure for the purchase of diabetic drugs to $33,542.29.

PHENYLKETONURIA PROGRAM

The Special Drug Program included the treatment of phenylketonuria in 1960. This is a congenital defect found in a very small percentage of newborn infants which results in mental defects if not treated early with special dietary preparations. These preparations are provided, free of charge, and at the present time ten patients are in receipt of this aid under this program at a total cost of $2,580.00.

RHEUMATIC FEVER PROGRAM

This program was started in June, 1958, to provide penicillin free to children with rheumatic fever up to their eighteenth birthday. To approved patients 200,000 units of penicillin are provided twice daily. To any patients who are sensitive to penicillin, a triple sulpha preparation is provided as an alternate prophylactic in the dosage of one 7½ grain tablet, twice daily. In 1968, twenty patients were receiving the triple sulpha while 1,588 were receiving penicillin and the cost of the program amounted to $3,749.00. The total number of new applications and follow-up supplies, with the 1967 figures in brackets, are as follows: New applications – 281 (280) and follow-up supplies – 4,193 (4,203).

EMERGENCY AIR AMBULANCE SERVICE

This emergency service has been in operation since 1959 and during the twelve-month period ending December 31, 1968, provided 117 flights. During the fiscal year the total cost of the program amounted to $24,980.16. Seriously ill or injured patients in inaccessible areas are transported to hospitals by chartered aircraft, accompanied either by a physician or nurse. If a patient can be transported satisfactorily by automobile, ambulance or rail, the air service is not provided. Particulars concerning emergency flights made during 1968, with the 1967 figures in brackets, are as follows: Number of flights – 117 (146), number of patients – 124 (161) consisting of 79 adults (109) and 45 children (52). Included in the total number were three premature infants.

POLIOMYELITIS TREATMENT PROGRAM

Under the provisions of The Poliomyelitis Sufferers Act and Regulations, residents of Alberta who suffer from poliomyelitis and its subsequent effects may obtain such treatment services as in-hospital medical services subsequent to the 14-day isolation period of the acute phase, surgical services and respiratory care from the day of onset of the disease. Orthopaedic appliances and other assessment procedures are also available as well as occupational therapy and out-patient speech therapy.

Poliomyelitis admissions to hospital, as well as hospital days during 1968, with 1967 figures in brackets, are as follows: Post isolation days – 643 (2,437), respiratory days – 3,179 (4,022), making a total number of hospital days of 3,822 (6,459). Total number of admissions were 31 compared to 80 in 1967. As of December 31, 1968, there were 3,803 registered poliomyelitis patients, and the cost for this program for the fiscal year ending March 31, 1969 amounted to $66,907.89.

TREATMENT SERVICES FOR SOCIAL SERVICE RECIPIENTS

The Treatment Services Act makes provision for treatment services for the Social Service Recipient Group. These services include dental, optical and chiropractic, as well as certain other limited services pertaining to physiotherapy and podiatry which are only provided when prior approval of the Director, Division of Medical Services, is obtained. The average number of Social Service Recipients for the year 1968, with the 1967 figures in brackets, are as follows: Government Child Wards – 4,358 (4,054), Aid to Dependent Children – 497 (446), All Other Social Service Recipients – 73,571 (76,102), making a total of 78,426 (80,602).

During the calendar year 1968, the average monthly number of Social Service Recipients in the province amounted to 78,426, which was a decrease of 1,176 over the calendar year 1967. Provincial expenditures for treatment services on behalf of Social Service Recipients during the fiscal year 1967-1968 amounted to $1,777,972.54, compared to $1,195,587.85 during 1968-1969, indicated a decrease of $582,384.69, brought about by a reduction of the temporary-type Public Welfare Recipients. Provincial expenditure for the various types of services for the fiscal year 1968-1969, with the 1967-1968 figures in brackets, are as follows: Dental care – $894,075.40 ($895,844.70), Optometric services – $136,344.00 ($164,760.09), Chiropractic services – $165,045.95 ($141,147.75), All other treatment services – $122.50 ($576,220.00), making a total of $1,195,587.85 ($1,777,972.54). The 1967-1968 figure of $576,220.00 included an amount paid to the College of Physicians and Surgeons of $575,460.00 during the period April to June, 1968.

1. Dental Services for Social Service Recipients

On behalf of Social Service Recipients, the per capita payment in 1968 to the Alberta Dental Association amounted to 95 cents monthly. Routine dental care is provided to all Social Service Recipients, and, with the exception of the Government Child Wards and Aid to Dependent Children Groups, two-thirds of the cost of new dentures is provided. Posterior bridge work is not provided, however, special dental and orthodontic care for the Government Child Wards and Aid to Dependent Children may be authorized. During the fiscal year 1968-1969, the Government of the Province of Alberta paid to the Alberta Dental Association, for dental services, an amount of $894,075.40, compared to $895,844.70 during 1967-1968. This represents a decrease of $1,769.30. The average cost per treated person for each group was as follows: Government Child Wards – $39.31, Aid to Dependent Children – $40.23, All Other Social Service Recipients – $42.42.

2. Optical Services for Social Service Recipients

The total of all services under the program for glasses in 1968 amounted to 14,407 accounts, at a cost of $136,344.00. This represents an increase of 584 services, but a decrease of $28,416.09 in payments as a certain number of eye examiners' accounts were paid for in 1967. Utilization and costs of optical services for 1968-1969, with 1967-1968 figures in brackets, are as follows: Average number of recipients – 78,426 (80,062), Number of services – 14,407 (13,823), Percentage of recipients obtaining services – 18.4% (17.1%), with a total cost of services – $136,344.00 ($164,760.09) indicating an average cost per service of $9.47 ($11.92).

3. Chiropractic Services for Social Service Recipients

The Agreement which the Department of Health has with the Alberta Chiropractic Association makes provision for chiropractic care for all Social Service Recipients, except those relating to Government Child Wards and Aid to Dependent Children programs. The total payment to the Alberta Chiropractic Association in 1968-1969 amounted to $165,045.95, which represents an increase of $23,898.20 over the 1967-1968 payment of $141,147.75. The payment to the Association was at the rate of 15 cents per capita per month for the period April to June, 1968, and was increased to 20 cents, effective July of the same year.

4. Other Treatment Services

These services include physiotherapy and podiatry, which are provided upon the recommendation of the patient's physician and the approval of the Director, Division of Medical Services. Department of Health expenditures during the year amounted to $122.50 for physiotherapy. The out-patient physiotherapy received at the various hospitals is part of the services paid through the Hospitalization Benefits Plan, and, consequently, is not included in the above payments.

SCHOOL FOR NURSING AIDES

These schools, which are established pursuant to The Nursing Aides Act, 1947, are intended to give an opportunity for a career in nursing to persons who might not possess the academic qualifications to enroll in a regular school of nursing.

This program has enjoyed considerable success since its beginning at the first school at Calgary in 1948. In 1958, a second school was opened in Edmonton. The demand for Nursing Aide services has become greater with the increase in number and size of the acute and auxiliary hospitals and the decreasing time that the professional nurse has to spend with the patient. Nursing Aides figure prominently in the provision of bedside nursing care. The number of Nursing Aide graduates during 1968 totalled 480, compared to 498 during the previous year, and it cost the Government in the neighbourhood of $525.00 to train each Nursing Aide, plus a daily living allowance paid to trainees who are not the responsibility of the Federal Government.

REGISTRY FOR NURSING AIDES

The Nursing Aides Act makes provision for the Minister of Health to appoint a Registrar-Consultant whose duties include the registration of Certified Nursing Aides.

As of December 31, 1968, a total of 7,711 Nursing Aides have been certified, including those persons who were certified under Section 18(b) and Section 19 of the Nursing Aide Regulations. Section 18(b) of the Regulations relates to holders of a certificate of qualification issued from a recognized school outside of this province, while Section 19 of the Regulations refers to individuals who have certain basic qualifications and who are required to take a supplementary course of study and/or complete examinations in order to obtain certification. During 1968, 104 applicants were registered under Section 18(b) and 17 applicants were registered under Section 19 of the Regulations.

HEALTH CAREERS RECRUITMENT PROGRAM

The prime role of the Health Careers Recruitment Branch is dissemination of information on nursing careers to people of Alberta, e.g., secondary school students, school counsellors, parents, hospitals, school administrations, youth and business organizations. It also provides province-wide publicity and advertising on career information.

The Health Careers Recruitment Branch promotes a special project "Nursing Week" throughout the province. This is a concentrated public service project covering many aspects of career trends and opportunites in the nursing fields.

Health Careers Recruitment provides opportunites for people, with the potential motivation of the achievement of our young people and with new career resources for older people. There is also provision for guidance and counselling in the choosing of careers in the health services.

Four School Counsellors Conferences were innovated, programmed and directed by the Health Careers Recruitment Branch in 1968. Approximately two hundred high school counsellors benefited from this service.

Five hundred and forty-six career talks on health careers were given to 8,327 students in Alberta during 1968. Five brochures on career information were edited for distribution to schools, hospitals and other agencies.

A new film "Health Careers" was produced for audio-visual use in schools, School Counsellors' Conferences and television.

A new display was designed for use in Career Fairs. Sixteen portable displays were designed for use in promotion of Career Days and Hospital Days. During the fiscal year the cost of this program amounted to $38,346.67.

LABORATORY AND X-RAY SCHOOL

For the past fifteen years the rural hospitals of Alberta have relied upon the training program maintained by the Provincial Health Department for technical staff.

During a concentrated course of instruction over a period of seven months, selected applicants are trained to assume a dual role in the rural hospital laboratory and x-ray areas, thus supplying a service which might otherwise be prohibitively expensive.

Up to December, 1968, a total of 248 students have been trained and placed in rural hospitals, with 16 in process for graduation in April, 1969. In all cases, hospitals are waiting for their services. Cost of the program amounted to $51,179.85, which is about $3,100.00 per student. The increasing amount of diagnostic information available from laboratory and x-ray procedures indicates a continued demand for the "dual" technician, with a tendency to employ a team of two for increased work-loads and mutual emergency coverage.

NORTHERN ALBERTA HEALTH SERVICE

The Northern Alberta Health Service, inaugurated by Order-in-Council, April 1, 1966, was engaged in efforts to improve the preventive and treatment services for the 15,000 persons resident in the 104,000 square miles of Alberta beyond the organized Health Units. There is an appropriation to encourage medical specialists to work in remote areas by payment of their travelling and subsistence expenses. An ophthalmologist and ophthalmic dispenser were transported to northern areas to perform ophthalmologic examinations and eye glasses were dispensed as follows:

March 21 & 22, 1968	High Level	135 patients
March 23, 1968	La Crete	97 patients
May 31, June 1 & 2, 1968	Wabasca-Desmarais	181 patients
(141 required glasses)		
October 19, 20 & 21, 1968	Fort Chipewyan ..	171 patients
	Total	584 patients

Public Health Nursing Services were supervised by Miss Joy Clare, D.P.H.N., for the first half of the year until her marriage and it is desirable to record our appreciation of her efforts during her employment with this service.

Environmental Health Services were supervised by the Public Health Inspector, Mr. Ed Najdziak, C.P.H.I., (C), in the course of which all villages, settlements, water supplies, restaurants and waste disposal facilities were under surveillance. Health Education programs were carried out at Wabasca, Desmarais and a three day environmental sanitation workshop at Fort Chipewyan.

TABLE 1

STATISTICAL INFORMATION – 1968

Number of towns, villages and settlements	21

Centres with Public Water and Sewer Systems

Zama City
Rainbow Lake
High Level
Fort McMurray
Tar Island

Centres with Piped Public Water Supplies Only

Fort Vermilion
Fort Chipewyan

Centres with Trench Waste Disposal Systems

Fort Chipewyan
Fort McKay
Tar Island
Fort McMurray
Anzac
Zama City
Meander River
Rainbow Lake
High Level
Fort Vermilion
La Crete
Wabasca

Outlets	Total No. Outlets	No. of Inspections
Grocers and Meat Outlets	36	76
Restaurants	27	224
Bakeries	1	7
Lounges	3	3
Waste Disposal Systems	26	214

Water Samples

Bacteriological	136
Chemical	46
Swab Tests in Restaurants	108

The cost of this service was $19,790.35 during the fiscal year.

CEREBRAL PALSY CLINIC – CALGARY

The Cerebral Palsy Clinic at Calgary continued to operate under the Clinical Director. Four teams consisting of one orthopaedic surgeon and one paediatrician consulted in pairs on the first four Thursdays of every month. The case load continued to increase with 43 new cases being registered during 1968. The program has been hindered because of the inability to obtain speech therapists, however, a part-time speech therapist was employed during the year. The cost of operating this Clinic amounted to $91,118.58 for the fiscal year.

TABLE 2

STATISTICS SHOWING ACTIVITIES DURING 1968

Number of examining clinics		50
Number of paediatric examinations		128
Number of orthopaedic examinations		233
Number of new cases		43
(a) cerebral palsy	41	
(b) other	2	
Number of active cases		360

DEPARTMENTS

1. PHYSIOTHERAPY

Number of cases benefiting	107
Number of cases on home program	63
Number of assessments	44
Number of treatments	4,545
Number of parent instructions	283

Most cases exhibited general improvement but there were 5 cases which showed no progress, these being severely involved both physically and mentally.

Bracing

(a)	for control (first time)	13
(b)	for control (continued)	21
(c)	removed	16
(d)	increased	2
(e)	splints (continued)	34
(f)	splints (first time)	11

Braces

Long leg – full control	6
Short leg – day and night	24
Appliances	23
Adjustment and repairs	55
Corrective shoes	46

Movie Films

No. cases filmed	37

2. OCCUPATIONAL THERAPY

Number of cases benefiting	89
Number of assessments	40
Number of treatments	4,174
Number of parent instructions	52
Psychological and emotional problems	6
Perceptual motor training	10
Gross motor activities	10
Activities of daily living	17
Remedial games and craft activities	13
Under general supervision only	30

3. SOCIAL SERVICE

Interviews	328
Telephone calls	2,023
Home visits	57
Field trips	32
Conferences	220
Agency meetings	34
Parent meetings	5

4. EDUCATION

School

Provision made by Calgary Public School Board for 4 qualified teachers. Academic instruction administered by them in co-operation with the medical staff of the Clinic.

Number of students	31
Number of instructional sessions	5,280
Number of parent interviews	26

Parent Education

Parent meetings attended by staff	5
Individual counselling of parents	170
Conferences with Cerebral Palsy Association's executive	3

Public Education

Number of nurses instructed (students and R.N.'s)	51
Number of therapists instructed (students and internes)	15
Number of teachers instructed	9
Number of students instructed (university and high school)	20
Number of visiting medical internes	3
Number of miscellaneous visitors	34
Social Service student (1 x week for 7 months)	1

Staff Education

Number of teachers' meetings	10
Physiotherapy Congress attended by	2
Occupational Therapy Congress attended by	1
Number of staff visiting Glenrose Children's Unit	6
Field trips (social workers)	32

5. GENERAL INFORMATION

Disposition of Cases

Admitted to regular school	15
Admitted to other special classes	5
Admitted to Alberta School Hospital	1
Attending Cerebral Palsy Association's Day Care Centre	29
Deceased	2
Files closed: (a) over age	5
(b) moved	5
(c) refused service	7

Foster-home Program (Domiciliary Care Agreement)

Number of cases serviced	7
Number of days domiciliary allowance	1,693

Transportation

Provided by Calgary Cerebral Palsy Association

Number of miles (4 buses)	91,341 miles

POISON CONTROL SERVICES

During 1968, an additional Treatment Centre was established in the Sundre General Hospital, making a total of 116 Poison Treatment Centres in the Province of Alberta. Poison Treatment Services are available to all parts of the province through all the active treatment hospitals.

The two Poison Information Centres – one in the University Hospital, Edmonton, servicing Northern Alberta, and the other in the General Hospital, Calgary, servicing Southern Alberta, functioned as usual with numerous requests for information on the newer toxic substances and treatment for complicated poisonings.

The Poison Control Advisory Committee consists of thirteen interested consultants functioning under the chairmanship of Dr. J. D. Martin, Professor of Pediatrics, University of Alberta. The Committee in the course of their deliberations considered the available statistics and reviewed the methods of Poison Control.

The film "POISONS", was shown 53 times through the Branch of Public Health Education, during 1968.

During 1968, the office of the Poison Control Services received a total of 3,803 Individual Poisoning Reports. Monthly reports were made up on a quarterly basis and a short form was mimeographed and mailed to each practising physician and pharmacist, and also to each hospital in the province.

During 1968, a total of 3,803 cases, including deaths, were reported. Of these 1,850 were males and 1,953 were females. The deaths among the reported cases were 77 males and 40 females, making a total of 117 deaths, or a fatality rate of approximately 30.7 per 1,000 reported poisonings. This rate is slightly higher than it has been previously. In 1968, the Bureau of Vital Statistics reported 107 deaths occurring outside of hospitals.

Total cost of operating this Service amounted to $14,495.54 for the last fiscal year.

REPORTING

For the purpose of reporting, eight (8) Categories were established covering the substances in common use. These Categories are:

A. Drugs and Medications for External Use – which embrace antiseptics, liniments, cosmetics, salves, etc.

B. Drugs and Medications for Internal Use – which cover aspirins, Baby's Own and Ex-Lax, sedatives and sleeping pills, cough syrups, prescription drugs, etc.

C. Household Chemicals – which include cleaners, detergents, lye, polishes, waxes, solvents and varsol, etc.

D. Industry, Auto & Fuel – such as gas (CO), industrial products, gasoline, etc.

E. Poisonous Plants & Venomous Animals – which cover berries and plants, toadstools, etc.

F. Pesticides – which include insecticides, moth balls, rodenticides, weedicides, etc.

G. Tobacco & Alcohol – which cover ethyl alcohol and tobacco.

H. Miscellaneous – embracing substances difficult to categorize.

RELATIONSHIP OF AGE TO POISONINGS

AGE GROUP BELOW 5 YEARS

That age and poisoning are directly related is apparent in the Age Group below 5 years of age when the total reported poisonings of 2,456 is 64.6 per cent. It has long been recognized by those concerned with the care of children that this age group through its adventurous proclivities in seeking, climbing, tasting and exploring is accident prone and needs almost constant supervision. It is interesting to note that of the poisonings, 1,366, including deaths, occurred in males and 1,090 in females. The three male deaths represent 2.5 per cent of the total deaths.

AGE GROUP 5-14

There were 198 poisonings, 103 males and 95 females. This group accounted for only 5.2 per cent of the total poisonings. There were 2 male and 3 female deaths accounting for 4.3 per cent of the total deaths.

AGE GROUP 15-24

There were 520 poisonings including 15 deaths. Females at 366 accounted for the larger number in comparison with 154 for males. This group represented 13.6 per cent of the total poisonings, while 15 deaths, 11 male and 4 female, represented 12.8 per cent of the total deaths.

AGE GROUP 25-44

There were 459 poisonings in this group with 63 deaths. There were 156 males involved to 303 females, representing 12.07 per cent of the total, 37 male deaths and 26 female deaths accounted for 53.8 per cent of the total deaths. A large proportion were due to Drugs and Medications for Internal Use. The incidence of poisoning and the death rate for this age group have increased since the previous year.

AGE GROUP 45 and Over

The poisonings in this age group were 170, consisting of 71 males and 99 females, being 4.4 per cent of the total poisonings. Of these, there were 24 male deaths and 7 female, or 26.5 per cent of the total deaths through poisonings. Most occurred through the ingestion of Drugs and Medications for Internal Use, especially by elderly persons which lends evidence to the assumption that the confusion associated with illness and age causes a mistake in identity of medications or an overdose.

TABLE 3

DEATHS FROM POISONINGS REPORTED BY THE BUREAU OF VITAL STATISTICS AND HOSPITALS LISTED BY AGE-GROUPS, SEX, SUBSTANCE & CATEGORIES – FOR 1968

	0-4		5-14		15-24		25-44		45-Up		Total	
CATEGORIES	M	F	M	F	M	F	M	F	M	F	M	F
A. **Drugs & Med. for Ext. Use**												
Liniments & Rubbing Compounds	0	0	0	0	0	0	0	1	0	1	0	2
B. **Drugs & Med. for Int. Use**												
Aspirin	1	0	0	0	0	0	0	2	0	0	1	2
Barbiturates	0	0	0	0	1	1	1	6	0	1	2	8
Prescriptions	0	0	0	0	0	0	1	3	1	2	2	5
Sedatives	0	0	0	0	0	0	1	5	1	0	2	5
C. **Household Chemicals**												
Paint	0	0	0	0	0	0	1	0	0	0	1	0
D. **Industry, Auto & Fuel**												
Carbon Monoxide	0	0	1	2	10	2	25	6	18	2	54	12
Natural Gas	0	0	0	0	0	0	2	0	2	0	4	0
Industrial Prod.	0	0	1	0	0	0	0	0	1	0	2	0
F. **Pesticides**												
Fertilizers	0	0	0	0	0	0	1	0	0	0	1	0
Moth Balls	0	0	0	1	0	0	0	0	0	0	0	1
Rodenticide	2	0	0	0	0	0	0	1	1	0	3	1
Weedicide	0	0	0	0	0	0	1	0	0	0	1	0
G. **Tobacco & Alcohol**												
Ethyl	0	0	0	0	0	1	3	2	0	0	3	3
Tobacco	0	0	0	0	0	0	1	0	0	0	1	0
H. **Miscellaneous**												
Undetermined	0	0	0	0	0	0	0	0	0	1	0	1
Totals	3	0	2	3	11	4	37	26	24	7	77	40

TABLE 4

POISONINGS (INCLUDING DEATHS) IN EACH AGE-GROUP – BY SEX & TOTALS FOR ALL CATEGORIES BY MONTHS – 1968

	0 - 4			5 - 14			15 - 24			25 - 44			45 - Up			All Age-Groups			Deaths		
Months	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Jan.	104	79	183	4	7	11	15	24	39	15	24	39	10	5	15	148	139	287	13	3	16
Feb.	104	100	204	9	4	13	15	37	52	19	26	45	4	7	11	151	174	325	8	2	10
Mar.	125	90	215	7	10	17	12	38	50	9	20	29	6	8	14	159	166	325	10	5	15
Apr.	127	74	201	7	9	16	19	36	55	9	20	29	2	9	11	164	148	312	5	3	8
May	102	100	202	14	9	23	15	23	38	7	24	31	9	8	17	147	164	311	4	1	5
June	107	87	194	10	13	23	6	26	32	6	35	41	3	5	8	132	166	298	3	5	8
July	115	104	219	13	6	19	13	35	48	16	34	50	2	10	12	159	189	348	-	1	1
Aug.	106	77	183	6	5	11	7	21	28	9	24	33	9	5	14	137	132	269	7	4	11
Sept.	149	92	241	6	8	14	7	19	26	12	14	26	8	8	16	182	141	323	5	5	10
Oct.	118	102	220	8	6	14	15	34	49	17	21	38	5	11	16	163	174	337	7	1	8
Nov.	111	101	212	6	7	13	14	41	55	21	26	47	4	13	17	156	188	344	4	6	10
Dec.	98	84	182	13	11	24	16	32	48	16	35	51	9	10	19	152	172	324	11	4	15
Totals	1,366	1,090	2,456	103	95	198	154	366	520	156	303	459	71	99	170	1,850	1,953	3,803	77	40	117

TABLE 5
POISONINGS (INCLUDING DEATHS) BY SEX AND TOTALS FOR ALL AGE-GROUPS
FOR EACH CATEGORY BY MONTHS - 1968

	Cat. A			Cat. B			Cat. C			Cat. D			Cat. E			Cat. F			Cat. G			Cat. H			Totals			Deaths		
Months	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Jan.	8	7	15	95	115	210	18	11	29	18	2	20	1	-	1	4	2	6	1	1	2	3	1	4	148	139	287	13	3	16
Feb.	7	5	12	106	143	249	17	15	32	13	3	16	-	-	-	2	4	6	4	-	4	2	4	6	151	174	325	8	2	10
Mar.	11	9	20	105	125	230	24	8	32	9	12	21	1	-	1	4	2	6	2	3	5	3	7	10	159	166	325	10	5	15
Apr.	19	5	24	101	116	217	26	12	38	8	6	14	1	-	1	4	3	7	4	1	5	1	5	6	164	148	312	5	3	8
May	10	9	19	79	107	186	30	25	55	11	5	16	-	2	2	12	10	22	3	3	6	2	3	5	147	164	311	4	1	5
June	8	6	14	76	118	194	23	20	43	16	4	20	1	-	1	7	9	16	-	4	4	1	5	6	132	166	298	3	5	8
July	10	9	19	84	131	215	34	29	63	13	5	18	3	1	4	11	9	20	1	2	3	3	3	6	159	189	348	-	1	1
Aug.	7	4	11	85	88	173	26	23	49	9	2	11	3	2	5	5	7	12	1	2	3	1	4	5	137	132	269	7	4	11
Sept.	7	9	16	101	102	203	41	16	57	20	3	23	2	3	5	7	4	11	2	-	2	2	4	6	182	141	323	5	5	10
Oct.	6	10	16	95	128	223	30	16	46	15	6	21	1	1	2	6	8	14	9	1	10	1	4	5	163	174	337	7	1	8
Nov.	5	5	10	101	147	248	21	22	43	17	6	23	-	-	-	9	2	11	1	1	2	2	5	7	156	188	344	4	6	10
Dec.	5	7	12	82	127	209	26	14	40	29	13	42	-	-	-	5	4	9	1	4	5	4	3	7	152	172	324	11	4	15
Totals	103	85	188	1,110	1,447	2,557	316	211	527	178	67	245	13	9	22	76	64	140	29	22	51	25	48	73	1,850	1,953	3,803	77	40	117

CIVIL SERVICE NURSE

During the year this Branch came under the administration of the Division of Medical Services. The purpose of the Civil Service Nursing Branch is to provide an employee health service for the 9,000 Provincial Civil Servants employed in 93 government buildings in the city of Edmonton. This service is designed to maintain and improve the employee's health, work efficiency, morale and productivity. Cost for the year amounted to $14,340.43.

The policy of this service is to give emergency care to occupational injuries and illnesses in accordance with written medical and Workmen's Compensation Board directives.

Emergency care is also given to non-occupational illnesses and injuries in order to relieve suffering or prevent loss of life until the employee is placed under the care of his personal physician.

First aid or palliative treatment is given to those conditions for which the individual would not normally be expected to consult his personal physician. This treatment is provided in order to enable the employee to complete his current work shift and to reduce absence from work.

At present, there are 17 first aid rooms in operation in government buildings which are supervised by qualified first aid attendants under the supervision of the Civil Service Nurse. Additional first aid facilities are presently being established in accordance with Workmen's Compensation Regulations.

Measures for the maintenance and improvement of health and prevention of disease include:

(a) Home calls to the employee off due to illness.
(b) Rehabilitation of the disabled employee.
(c) Health Education program.
(d) Referrals to other health agencies.

TABLE 6

The following is a statistical résumé of the year ending December 31, 1968.

Patients seen in Civil Service Nursing office (excluding first aid rooms)	4,342
Home calls	858
Trips to "Emergency" and other buildings	114
Workmen's Compensation cases	102
Illness Certificates issued	471

DIVISION OF EPIDEMIOLOGY

E. S. O. Smith, M.Sc., M.A., M.B., B.Chir., D.P.H., D.I.H., C.R.C.P.(C), Director

Epidemiology is concerned with the distribution and determinants of disease prevalence in man. Traditional epidemiology emerged from the need to control communicable disease. Modern epidemiology embraces all human diseases, and it has made significant contributions to the search for causes in many areas of non-communicable disease. Some of the chronic diseases are particularly suitable for study by epidemiological techniques.

When the Division of Epidemiology was established in September 1967, the Alberta Department of Health gave practical recognition to the scope of modern epidemiology, and created an important precedent in public health practice in Canada by freeing its Provincial Epidemiologist from the day-to-day responsibilities of communicable disease control.

The year 1968 has seen a rapidly growing demand for the services of the new Division. For the most part, these services have taken the form of assisting other Divisions of the Department and certain agencies related to the Department in the design and conduct of epidemiological studies, the collection, processing and tabulation of data and the statistical evaluation of results. These activities have been concerned in some cases with existing programs, in other cases with special studies or research projects.

Assistance and data processing services in connection with existing programs have been given on a continuing basis to:

(1) The Division of Medical Services in relation to the Registry for Handicapped Children and Adults;
(2) The Division of Mental Health in relation to psychiatric admissions and separations;
(3) The Division of Social Hygiene in relation to venereal disease cases;
(4) The Division of Vital Statistics in relation to the indexing of old birth registrations.

Assistance and data processing services in connection with special studies and research projects have been given on a limited term basis to:

(1) The Division of Industrial Health Services in relation to a survey of grain elevator workers and of feed mill, flour mill and seed plant operators;
(2) The Division of Local Health Services in relation to a study of public health nursing activity in one city health department and ten rural health units;
(3) The Division of Social Hygiene in relation to a study of congenital syphilis;
(4) The Sturgeon Health Unit in relation to a multiphasic screening project.

In addition to the foregoing, consultant and advisory services have been provided to:

(1) The Division of Local Health Services in relation to
    (a) Some problems of population sampling for a dental survey;
    (b) The compilation of epidemiological data from notifiable disease reports;
(2) The Provincial Cancer Hospitals Board in relation to the planning and designing of a new program for the collection and compilation of epidemiological data from all new registrants at cancer clinics;
(3) The Provincial Laboratory of Public Health in relation to the design of a cytological study.

The Division has also collaborated with the Department of Epidemiology and Health at McGill University in a survey of primary malignant tumours of the pleura and peritoneum.

The new Division has five staff-members, namely a director, a nurse-epidemiologist, a health statistician, a secretary and a key-punch operator. However, the work load is rapidly approaching the point where a second key-punch operator will be needed.

The tables in this report pertaining to psychiatric admissions and separations (Division of Mental Health) and handicapped children and adults (Division of Medical Services) were compiled by the Division of Epidemiology.

DIVISION OF CANCER SERVICES

J. R. Ibberson, M.D., Executive Director

The three Cancer Clinics in the Province of Alberta have continued to experience a very busy year (1968). Transfer to the Dr. W. W. Cross Cancer Institute was made on July 1, 1968. The development of hospital wards resulted in their opening in stages on October 7 and November 4, 1968. This has been a year of very rapid expansion and development.

1. The number of examinations made (malignant and benign) January 1 – December 31, 1968 is 34,227.

	New		Review		Total	
	1968	1967	1968	1967	1968	1967
Edmonton	3,258	3,548	13,964	14,102	17,222	17,650
Calgary	2,153	1,984	12,423	11,946	14,576	13,930
Lethbridge	537	499	1,892	1,714	2,429	2,213

It will be noted that the total number of examinations made in the Edmonton, Calgary and Lethbridge Clinics is 34,227 as compared with 33,793 in 1967; 34,152 in 1966; 32,819 in 1965 and 30,944 in 1964.

Review examinations carried out at the Peripheral Clinics during 1968 total 1,745 as shown below:

Grande Prairie	357
Peace River	325
Medicine Hat	1,063

2. Number of examinations made where malignancy is proven 30,827 as compared with 30,221 in 1967 as shown in the following table:

	Edmonton	Calgary	Lethbridge	Total
1968	15,132	13,559	2,136	30,827
1967	15,243	13,018	1,960	30,221

3. NEW MALIGNANT CASES

		Edmonton		Calgary		Leth-bridge
New malignant cases reporting to Clinic – 1968		1,813		1,271		247
Previously benign cases reporting to Clinic – 1968		145		153		26
Total new malignant cases reporting to Clinic – 1968		1,958		1,424		273
Non-reporting malignant cases by						
Pathological report	554		301		20	
Autopsy report	33		9		6	
Reported by Vital Statistics	119		167		27	
		706		477		53
Total		2,664		1,901		326

	Edmonton	Calgary	Leth-bridge
Prior to 1953 malignant cases reporting to Clinic for the first time in 1968	5	3	0
Cases treated elsewhere reporting to Clinic in 1968	71	130	32
Cases who developed a second malignancy in 1968	60	73	26

The total number of new malignant cases discovered in Alberta in 1968 was 4,891.

4. The number of examinations made on patients which proved benign:

	Edmonton	Calgary	Lethbridge	Total
1968	2,090	1,017	293	3,400
1967	2,407	912	253	3,572

5. (a) DIAGNOSTIC RADIOLOGY

	No. of Films		No. of Pts.		No. of Exams		Average No. of Exams per day	
	1968	1967	1968	1967	1968	1967	1968	1967
Edmonton	59,052	55,399	11,740	11,718	19,167	18,082	76.7	72.6
Calgary	8,660	8,793	2,736	2,573	3,705	3,556	14.8	14.3

	Peripheral Clinic Films Read		Outside Films Reviewed	
	1968	1967	1968	1967
Edmonton	3,720	2,774	737	25,734
Calgary	0	0	1,646	1,526

EDMONTON CLINIC

	G.I. Series	Large Bowel & Air Contrast	Barium Fluoroscopies (G.I. Series, Large Bowel & Air Contrast)	Urinary Tract	Tomograms
1968	516	756	1,272	268	750
1967	623	745	1,368	322	694

5. (b) THERAPEUTIC RADIOLOGY

		Edmonton			Calgary		
		New	Retreat	Total	New	Retreat	Total
Pts. treated by X-ray, Co. 60 or Cesium 137	1968 ––	703	411	1,114	627	146	773
	1967 ––	698	332	1,030	508	227	735
Pts. Treated by X-ray, Co. 60 or Ces. 137 & radium	1968 ––	30	-	30	27	-	27
	1967 ––	44	-	44	43	-	43
Pts. treated by radium alone	1968 ––	39	-	39	33	-	33
	1967 ––	17	-	17	15	-	15
Benign pts. treated by radiation	1968 ––	53	14	67	10	-	10
	1967 ––	53	-	53	-	-	-
Total patients treated at Clinic	1968 —	825	425	1,250	697	146	843
	1967 ––	812	332	1,144	566	227	793

Treatments given by –	Edmonton		Calgary	
	1968	1967	1968	1967
Cobalt 60	1,223	11,521	5,671	5,449
Cobalt 60 rotation	-	-	2,800	1,792
Cobalt 80	10,960	-	-	-
Deep X-ray	53	617	-	-
Superficial X-ray	398	414	1,531	1,410
Cesium 137	1,382	2,425	977	1,372
Treatment on two machines	392	453	-	-
Single treatments	83	42	-	-
Radiation treatments to benign patients	348	346	-	-
Total treatments	14,839	15,818	10,979	10,023
Radium insertions, implants	111	113	92	78
Laboratory examinations in Clinic laboratories (Units of work)	56,485	59,633	27,949	24,922

6. NUMBER OF CASES SUPPLIED WITH THE FOLLOWING SERVICES:

	Edmonton		Calgary		Lethbridge		Total	
	1968	1967	1968	1967	1968	1967	1968	1967
Diagnostic x-rays	11,740	11,728	2,873	2,585	1	2	14,614	14,315
Investigations & Consultations	1,374	1,104	104	250	11	13	1,489	1,367
Laboratory tests (Units of work)	56,485	59,633	27,949	26,429			84,434	86,062
Breast biopsies	696	628	321	262	122	95	1,139	985
Other biopsies	994	771	738	588	227	150	1,959	1,509
Diagnostic curettages	285	256	167	175	41	42	493	473
Bronchoscopy, Esophagoscopy & Laryngoscopy	296	253	82	85	13	5	391	343
Gastroscopy	12		1				13	
Cystoscopy	688	519	235	159	48	36	971	714
Sigmoidoscopy	350	320	21	26	8	7	379	353
Ventriculography	18		1				19	
Angiography	15		2				17	
Exploratory Laparotomy	188	149	75	72	26	11	289	232
Major surgery	1,732	1,603	915	840	169	127	2,816	2,570
Radiation therapy	1,250	1,144	843	793	66	23	2,159	1,960
Prosthetic appliances	9	5				1	9	6
Chemotherapy	175		117		95		387	
Paracentesis, thoracentesis	86		58		2		146	
Radioactive scans & Thyroid ablations	351		15		1		367	

7. The following cancer studies have been carried out in 1968:
   Survey of Lung Cancer Cases – Dr. Z. Gutter
   Survey of Cancer of Cervix – Dr. M. E. Tulloh
   A Cytology study on Cancer of Cervix – Dr. T. A. Kasper
   Survey of 1300 Breast Cancer Cases in Calgary Clinic – Dr. J. R. Francis
   Survey of 104 Malignant Melanoma Cases – Dr. G. Bell

   Forms and methods for Epidemiology studies on all patients commencing January 1, 1969 have been devised in cooperation with Dr. E. S. O. Smith.

8. Since the opening of the Cancer Clinics in 1941 the total number of examinations made is 449,856.

DIVISION OF SOCIAL HYGIENE

P. L. Rentiers, M.D., Director

The policies and administration of the Division of Social Hygiene remained the same during 1968 but personnel was increased by the appointment on the first of April of Dr. Jack Brown as Assistant Director.

Total admissions and patient visits in all three clinics showed relatively little change from the previous year, but the mobile unit became increasingly active. There was a greater emphasis on teaching to both medical and para-medical personnel and the Division continued to supply educational aids in the form of films and literature as well as speakers on request.

The attached statistical tables reveal what is felt to be a very satisfactory decrease in the incidence of reported syphilis. In brief, syphilis (all types) dropped from a reported 207 in 1967 to 119 in 1968. Of particular importance is the fact that most of the reduction occurred in the early infectious cases with a drop from 176 in 1967 to 90 in 1968.

Two congenital infections were reported. One in a young married Indian woman, the other in a newborn whose mother received pre-natal care but acquired her infection a month or two **after** the pre-natal serological test for syphilis had been taken.

Reported confirmed gonorrhoeal infections increased by a little better than 180 cases, which is reflected in a slightly higher rate than for 1967. However, the total number of cases of gonorrhoea, confirmed and unconfirmed, was lower. It must be reiterated that, since gonorrhoeal infections are not well reported, all quoted figures for this disease are of questionable value.

As stressed in previous reports, our figures for 1968 clearly indicate that venereal disease is not as rampant in the juvenile and teen-age groups as one might be led to believe by some authorities. Seven (5.9%) of the reported cases of acquired syphilis and 448 (12.1%) of the reported cases of confirmed gonorrhoea were found in the 19 and under age groups.

Finally, the Division wishes once more to draw attention to the close relationship existing between venereal infections and the socio-economic level of individuals. The Indian and Metis population continue to show a decidedly higher rate than any other ethnic group. It is estimated that they comprise between 3 - 5% of the total population and this 3 - 5% accounted for 37% of the reported syphilis for the year and 35% of the total gonorrhoea (confirmed and unconfirmed). Of the syphilis cases reported 16% were from one Reserve.

The Division makes grateful acknowledgement to private physicians, the various Health and Welfare Agencies, and all others who by their continued interest and cooperation have assisted in our work.

DIVISION OF SOCIAL HYGIENE
ALLEGED SOURCES OF OR CONTACTS TO VENERAL INFECTION
JANUARY 1 TO DECEMBER 31, 1968

	Reported Contacts with Sufficient Information for Investigation			Reported Cases of Veneral Infection with Insufficient or no Information Concerning Contacts
	Number Reported	Number Located	Number No Action Taken	
TOTALS	4,304	4,033	16	1,766
Residential Status				
Alberta	4,060	3,884	13	
Non-Alberta	228	138	3	
Northwest Territories	16	11	0	
Agents Forwarding Information				
Private Physicians	1,410	1,324	6	945
Armed Forces	13	11	0	3
Provincial Clinics	2,658	2,530	10	818
Other Provinces	223	168	0	0

EPIDEMIOLOGICAL INVESTIGATIONS CARRIED OUT BY DIVISION OF SOCIAL HYGIENE

	I. Reported Contacts to Veneral Disease					
Unit	Processed	Investigated	No Action Taken	Not Investigated Insufficient Information	II. Delinquents	III. Miscellaneous
Edmonton Clinic	3,006	2,383	0	623	273	767
Calgary Clinic	1,780	1,645	0	135	53	308
Lethbridge	189	183	0	6	1	84
Mobile Clinic	593	539	0	54	110	46
Head Office	6,086	4,304	16	1,766		

PROVINCIAL CLINIC, Alberta Jasper Building, 9815 Jasper Avenue, Edmonton, Alberta

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & over		Age Not Stated		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)						1	80	88	1,106	337			1,612
Syphilis (acquired-primary)									7	1			8
Syphilis (acquired-secondary)								2	12	11			25
Syphilis (acquired-latent)									2				2
TOTALS						1	80	90	1,127	349			1,647

Number of Cases of Syphilis	Male	21	Female	14	35
Number of Cases of Gonorrhoea	Male	1,186	Female	426	1,612

Number and Results of Serological Tests for Syphilis	13,765	of which	488 were Reactive
Number and Results of Darkfield Examinations	185	of which	12 were Positive
Number and Results of Cerebrospinal Fluid Tests	0	of which	0 were Positive
Number and Results of Bacteriological Tests for Gonococci	2,313	of which	1,207 were Positive
Number and Results of Cultures taken for Gonococci	2,601	of which	530 were Positive
Total Number of Patient Visits	16,317	of which	
Total Number of New Admissions	1,845		
Total Number of Old Infections for Follow-up First Time in Current Year Syphilis	89	Gonorrhoea	523

PROVINCIAL CLINIC, 118 11th Avenue S.E., Calgary, Alberta

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)							45	21	514	49			629
Syphilis (acquired-primary)									4	1			5
Syphilis (acquired-secondary)								1		5			6
Syphilis (acquired-latent)									4	2			6
TOTALS							45	22	522	57			646

Number of Cases of Syphilis	Male	8	Female	9	17
Number of Cases of Gonorrhoea	Male	559	Female	70	629

Number and Results of Serological Tests for Syphilis	9,966	of which	144 were Reactive
Number and Results of Darkfield Examinations	78	of which	4 were Positive
Number and Results of Cerebrospinal Fluid Tests	2	of which	0 were Positive
Number and Results of Bacteriological Tests for Gonococci	2,867	of which	710 were Positive
Number and Results of Cultures taken for Gonococci	1,379	of which	53 were Positive
Total Number of Patient Visits	16,484		
Total Number of New Admissions	1,341		
Total Number of Old Infections for Follow-up First Time in Current Year	Syphilis 50		Gonorrhoea 226

PROVINCIAL CLINIC, c/o Lethbridge Municipal Hospital, Lethbridge, Alberta

Total number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)							2	2	34	6			44
TOTALS							2	2	34	6			44

Number of Cases of Syphilis	Male	0	Female	0	0
Number of Cases of Gonorrhoea	Male	36	Female	8	44

Number and Results of Serological Tests for Syphilis	412	of which	7 were Reactive
Number and Results of Darkfield Examinations	3	of which	0 were Positive
Number and Results of Bacteriological Tests for Gonococci	110	of which	46 were Positive
Number and Results of Cultures taken for Gonococci	18	of which	2 were Positive
Total Number of Patient Visits	469		
Total Number New Admissions	93		
Total Number of Old Infections for Follow-up First Time in Current Year	Syphilis 1		Gonorrhoea 1

MOBILE CLINIC, Lac La Biche, McMurray, Slave Lake, Wabasca, Whitecourt, Valleyview, Peace River and Grande Prairie areas, Red Deer, Rocky Mountain House, Drayton Valley and Edson areas, Wetaskiwin, Hobbema and Duffield:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)								2		1			3
Syphilis (acquired-primary)									2				2
Syphilis (acquired-secondary)								2	6	8			16
Syphilis (acquired-latent)									1	1			2
TOTALS								4	9	10			23

Number of Cases of Syphilis	Male	9	Female	11	20
Number of Cases of Gonorrhoea	Male	0	Female	3	3

Number and Results of Serological Tests for Syphilis	756	of which	81 were Reactive
Total Number of Treatments Given	19		

PROVINCIAL CLINIC, Fort Saskatchewan, Alberta

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)							5	15	21	76			117
Syphilis (acquired-secondary)							1		2	1			4
Syphilis (acquired-latent)										1			1
TOTALS							6	15	23	78			122

Number of Cases of Syphilis	Male	3	Female	2	5
Number of Cases of Gonorrhoea	Male	26	Female	91	117

Number and Results of Serological Tests for Syphilis	4,162	of which	138	were Reactive
Number and Results of Bacteriological Tests for Gonococci	66	of which	34	were Positive
Number and Results of Cultures taken for Gonococci	2,311	of which	207	were Positive

PROVINCIAL GAOL, Lethbridge, Alberta

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)							2		10				12
Syphilis (acquired-latent)									1				1
TOTALS							2		11				13

Number of Cases of Syphilis	Male	1	1
Number of Cases of Gonorrhoea	Male	12	12

Number of Prisoners Admitted	3,311			
Number and Results of Serological Tests for Syphilis	775	of which	10	were Reactive

SPY HILL GAOL, Calgary, Alberta

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (all forms)							1		5		2		8
TOTALS							1		5		2		8

Number of Cases of Syphilis	Male	0	0
Number of Cases of Gonorrhoea	Male	8	8

Number of Prisoners Admitted	6,458			
Number and Results of Serological Tests for Syphilis	2,735	of which	16	were Reactive

PRIVATE PHYSICIANS REPORTING CASES

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (Ophthalmia Neonatorum)	1												1
Gonorrhoea (All Forms)		2		2	2	5	86	98	760	261	29	17	1,262
Syphilis (Congenital)		1								1			2
Syphilis (Acquired-Primary)									7		1		8
Syphilis (Acquired-Secondary)								1	3	12			16
Syphilis (Early-Latent)									1	1			2
Syphilis (Acquired-Latent)									4	3			7
Acquired-Tertiary (Cardiovascular)									1				1
Acquired-Tertiary (Neurosyphilis)									4	1			5
TOTALS	1	3		2	2	5	86	99	780	279	30	17	1,304

Number of Cases Gonorrhoea (Ophthalmia Neonatorum)	Male	1	Female	0	1
Number of Cases of Gonorrhoea (All Forms)	Male	877	Female	385	1,262
Number of Cases of Syphilis	Male	21	Female	20	41

Number of Doctors in the Province receiving Consultative Service 55

NEW CASES OF SYPHILIS AND GONORRHOEA REPORTED IN ALBERTA

Total Number of New Cases of Veneral Disease Classified as to Sex and Age of Patient:

	Under 1 Yr.		1 - 4 Yrs.		5 - 14 Yrs.		15 - 19 Yrs.		20 Yrs. & Over		Age Not Stated		Totals
	M	F	M	F	M	F	M	F	M	F	M	F	
Gonorrhoea (Ophthalmia Neonatorum)	1												1
Gonorrhoea (All Forms)		2		2	2	6	222	226	2,471	730	32	17	3,710
Syphilis (Congenital)		1								1			2
Syphilis (Acquired-Primary)									20	2	1		23
Syphilis (Acquired-Secondary)							1	6	23	37			67
Syphilis (Early-Latent)									1	1			2
Syphilis (Acquired-Latent)									12	7			19
Acquired-Tertiary (Cardiovascular)									1				1
Acquired-Tertiary (Neurosyphilis)									4	1			5
TOTALS	1	3		2	2	6	223	232	2,532	779	33	17	3,830

Number of Cases of Syphilis	Male	63	Female	56	119
Number of Cases of Gonorrhoea (Ophthalmia Neonatorum)	Male	1	Female	0	1
Number of Cases of Gonorrhoea (All Forms)	Male	2,727	Female	983	3,710

Total Number of Cases Reported by Various Clinics of the Division of Social Hygiene

SEX	SYPHILIS	GONORRHOEA	TOTALS
Male	42	1,827	1,869
Female	36	598	634
Totals	78	2,425	2,503

Cases Reported by Doctors and Military Authorities

	PRIVATE PHYSICIANS	ARMED FORCES	TOTALS
Syphilis	41	0	41
Gonorrhoea (Ophthalmia Neonatorum)	1	0	1
Gonorrhoea (All Forms)	1,262	23	1,285
TOTALS	1,304	23	1,327

REPORT OF THE PROVINCIAL LABORATORIES

J. M. S. Dixon, M.D., M.C.Path., Dip.Bact., Director

During 1968 a total of 1,698,959 examinations were performed on 553,360 specimens at the Provincial Laboratories of Public Health in Edmonton and Calgary. This represents 11.2% more work than was performed in 1967, the increase being approximately equal in the two laboratories. Facilities at the Edmonton laboratory enabled the increase to be accommodated by a small increase in staff, but in Calgary each additional specimen adds to the strain on the staff, which cannot be increased in number because of lack of space.

Bacteriology

A total of 127 strains of diphtheria bacilli, of which 57 were capable of producing toxin and causing severe disease, were isolated at the Edmonton laboratory in 1968; most were from small communities in rural areas. Almost half the strains were found in specimens from discharging ears and skin lesions. As a source of infection for others such external sites of infection are probably much more important than the nose and throat since dissemination of the organisms in infected exudates can readily occur. Improved methods for the detection of diphtheria bacilli in specimens were introduced in 1968, as was a rapid, reliable test for determining whether a strain produces toxin. The previous test for toxin depended on ability to cause disease in animals, but fortunately this need now be performed only in exceptional cases. Further studies on diphtheria bacilli are being made.

Work continued on more accurate and less time-consuming tests for the detection of syphilis by examination of the blood. Much progress was made with the automated test that was developed recently, and modifications now being completed should result in more economical operation of the machine. A trial was also commenced of a more rapid screening test for examination of blood specimens for syphilis. These specimens are more numerous than any other type of specimens examined, and thus the adoption of a more simple and economical test would be highly advantageous.

Twenty-three different serotypes of salmonella organisms were isolated from human specimens. **Salm. typhimurium** predominated. An outbreak of **Salm. typhimurium** occurred at a hospital in which 32 patients were infected; and one of **Salm. saint paul** in a nursing home, where 19 persons were infected. **Salm. glostrup** was isolated for the first time in Alberta from a human being. An organism from a non-human source received for identification was found to be **Salm. singapore**, this being the first isolation of this type in Alberta. Among the non-human samples positive for salmonella were an enzymatic drain cleaner and 13 animal feed samples.

Isolated dysentery cases occurred throughout the Province. An outbreak in an institution in Red Deer was due to **Shigella flexneri** type 3, and 76 cases were diagnosed bacteriologically. **Sh. sonnei** strains can now be distinguished from one another by a colicine typing method introduced during the year. By this means all the strains isolated from an institution in Red Deer were shown to belong to one type and thus probably had a common origin.

The agar-filled spoon method for urine specimens, mentioned in last year's report, has now been adopted as the routine cultural technique for urine in Edmonton and has proved very successful. Results are more accurate and the examination is less costly than was the previous method. It is hoped that the technique will be introduced at Calgary shortly.

Virology

Virological work is still confined to the Edmonton laboratory because of lack of space at Calgary. There has been some reorganization of the virology division. Dr. Morgante now undertakes the specialized arbovirus work, in which she is an acknowledged expert, and also the development of new techniques which are of such great importance in this rapidly advancing field of medical science. The routine virus diagnostic section is now run by Mr. D. McLeod, who is able to devote his full time to the diagnostic work, which has increased greatly in recent years.

The diagnostic virology section was unusually busy in December when the new strain of the influenza A2 virus, known as the Hong Kong variant, reached Alberta. This virus differs significantly from previously prevalent strains of influenza A2 virus and immunity that was developed to earlier strains gives little protection against the Hong Kong strain. The earliest evidence we had of arrival of the new virus in the Province was detection of antibody to it in the blood of a patient who became ill in Edmonton on 26 November. Illness caused by the virus was widespread during the month of December, and the Edmonton laboratory was able to confirm the diagnosis by either growing the virus from throat swabs in fertile hen's eggs and tissue cultures or by detecting antibody to the virus in the blood of patients who had recently had the disease.

During the second half of the year, Dr. Morgante investigated a number of outbreaks of a rather unusual virus infection called hand, foot and mouth disease. It was caused by Coxsackie virus type A16, which she was able to isolate from blisters on the hands, feet and buttocks of patients, and also from faeces specimens. The skin eruptions were accompanied by ulcers in the mouth and a mild febrile condition. Between September and December, Coxsackie A16 virus was isolated from 56 of 262 specimens of faeces, throat swabs, vesicle fluid and eye swabs. One outbreak occurred in the pediatric ward of a hospital where 23 children were affected. Further studies are being made.

The disease was first described in 1957 in Toronto, and there have been a number of outbreaks in other parts of North America this year.

Investigations continued into the distribution and animal reservoirs of Western equine encephalitis (WE) virus and other arboviruses that cause serious encephalitis in human beings. No human cases were diagnosed virologically in 1968, but serological evidence of WE virus was detected for the first time in rattlesnakes in southern regions of the Province. WE virus has previously been shown to occur in mosquitoes, horses and human beings in southern Alberta. Other aspects of the epidemiology of these arboviruses are being actively studied.

Pathology

The Department of Pathology of the Provincial Laboratory at Edmonton, directed by the Provincial Pathologist, Dr. J. W. Macgregor, continued to provide diagnostic services for hospitals in rural areas where the services of a pathologist are not available, and to provide consultant opinions on the request of any pathologist in the Province. The year was a busy one in which more than 25,000 tissues were examined histologically. More than 12,000 were examined at the Calgary laboratory by Dr. Shute.

The Division of Cytopathology in Edmonton, directed by Dr. T. A. Kasper, again examined more than 58,000 smears from the uterine cervix for evidence of malignant change. At the Calgary laboratory 20,869 smears were examined. Examination of and follow-up on some of the smears is incomplete at the time of writing, but it is expected that more than 200 cancerous changes will be detected at the Edmonton laboratory alone in material collected in 1968, a figure comparable to those recorded for the years 1967 (206 confirmed cancers) and 1966 (296 confirmed cancers). The majority of specimens now being received are from patients who have had smears examined previously, and a comparison of present with previous specimens is of particular value in the detection of the earliest stages of malignant change. The training school for cytological technologists is an important part of the Cytopathology Division at Edmonton, and twelve students are due to graduate from it in 1969.

General

The Edmonton laboratory assisted in a survey of normal people made during March by Dr. J. M. Howell, medical officer of the Sturgeon Health Unit. Specimens were received from more than thirteen hundred persons for urine culture, cytopathological examination of cervical smears, and serological studies. Blood specimens were examined for antibodies to syphilis, influenza A virus, the psittacosis group of organisms and Western equine encephalitis (WE) virus. All specimens were negative for syphilis and WE virus but about 4% of sera contained antibody levels generally regarded as suggestive of recent infection with influenza A virus and 3% with the psittacosis group of organisms. Three cervical smears were positive.

The Laboratory continued to act as a centre for the distribution of vaccines and sera on behalf of the Director of Local Health Services, Dr. W. Watt.

Scientific papers describing work performed at the Provincial Laboratory were presented at meetings of national and international learned societies as follows: Dr. J. M. S. Dixon and Dr. C. H. Jellard, at the Laboratory Section meeting of the Canadian Public Health Association, Montebello, P.Q.; Dr. T. A. Kasper at the Third International Congress of Cytology, Rio de Janeiro, Brazil, and to the Canadian Society of Cytology, Banff; and Dr. O. Morgante to the Canadian Society of Microbiologists, Windsor, Ontario.

A number of members of the staff presented papers at or made other contributions to the Annual Convention of the Canadian Society of Laboratory Technologists held in Edmonton in June.

Senior members of the staff of the Edmonton Laboratory continued their close association with the Departments of Pathology and Bacteriology of The University of Alberta. This long-standing association is of mutual benefit and greatly facilitates the recruitment to the staff of the Provincial Laboratory of experienced and highly qualified medical and scientific staff. For this reason the Provincial Laboratory in Alberta is more fortunate than corresponding laboratories in most other provinces in the number and quality of its senior staff.

As forecast in last year's report, there have been some changes in the tabular presentation of the work done this year. Emphasis has been placed on the number of specimens examined, rather than on the number of examinations performed, since an examination is defined differently by different authorities. More detail has been given of positive microbiological findings, particularly those that are of some epidemiological significance. A detailed presentation of the commercial value of the work performed is not included, because many of the specialized examinations performed at the Provincial Laboratory are not included in the Schedule of Charges for Hospital Out-Patient Services under the Alberta Hospitalization Benefits Plan, and any figures given would be only a rough approximation. From information that we have, my estimate is that the work performed in 1968 would have cost more than four million dollars if performed commercially. Examples of costs based on charges given in the Schedule are: serological tests for syphilis, $1,202,400; cytological examination of cervical smears, $437,900; cultural tests for tuberculosis, $194,800; and tests for detection of gonorrhoea, $102,646.

Some indication of the increase in work of the laboratory in the last 46 years may be gained from Table 3 in which the number of certain categories of specimens received is given for selected years during the period 1922 to 1968.

STAFF

Dr. C. H. Jellard joined the staff as Deputy Director of the Edmonton laboratory in March. He is an experienced medical microbiologist who was Director of the Public Health Laboratory in Plymouth, England, from 1952 until 1968. We are very fortunate to have him with us.

Dr. M. R. Earle was appointed Associate Pathologist at the Calgary laboratory in July, replacing Dr. C. Wood whose temporary appointment terminated at that time. Dr. Shute now has a permanent assistant once more.

Dr. H. M. Richards took up a temporary appointment as Research Associate at the Edmonton laboratory in July. He was previously Medical Officer of Health of the Peace River Health Unit, and having him in the Laboratory for a year has been of great benefit, for he brings to us his knowledge and experience of epidemiology in the field.

Dr. Ian Geere was appointed Associate in Bacteriology in the Edmonton laboratory in April, and Mr. D. McLeod was appointed Scientist in charge of the routine diagnostic virology section in May. Mr. McLeod comes to us from the Laboratory of Hygiene in Ottawa.

Papers published in 1968 by members of the staff, Provincial Laboratory

1. Dixon, J. M. S. (1968) Group A streptococcus resistant to erythromycin and lincomycin. Canad. Med. Ass. J., **99**, 1093-1094.
2. Dixon, J. M. S. & Clarke, M.A. (1968) Evaluation of an agar-filled spoon as transport medium for urine. (Abstract). Canad. J. Publ. Hlth., **59**, 32-33.
3. Dixon, J. M. S. & Clarke, M.A. (1968) Experience with agar-filled plastic spoons for the transport of specimens of urine. Canad. Med. Ass. J., **99**, 741-746.
4. Morgante, O., Barager, E. M. & Herbert, F. A. (1968) Central nervous system disease in humans due to simultaneous epidemics of Echovirus type 9 and Western encephalomyelitis virus infection in Alberta. Canad. Med. Ass. J., **98**, 1170-1175.
5. Morgante, O., Vance, H. N., Shemanchuk, J. A. & Windsor, R. (1968) Epizootic of Western encephalomyelitis virus infection in equines in Alberta in 1965. Canad. J. Comp. Med., **32**, 403-408.
6. Shemanchuk, J. A. & Morgante, O. (1968) Isolation of Western encephalitis virus from mosquitoes in Alberta. Canad. J. Microbiol., **14**, 1-5.

TABLE I

WORK PERFORMED IN 1968 AT THE PROVINCIAL LABORATORY OF PUBLIC HEALTH

	Edmonton		Calgary	
Diagnostic Bacteriology	**Specimens**	**Examinations**	**Specimens**	**Examinations**
Nose and throat swabs	31,292	219,044	18,377	128,639
Faeces and rectal swabs	18,502	148,016	2,892	20,244
Urine	7,443	59,544	3,622	25,354
Sputum for tuberculosis	10,201	51,005	2,736	10,944
Other specimens for tuberculosis	5,758	23,032	785	3,140
Sputum for bacteria other than tubercle	3,111	24,888	899	6,293
Blood cultures	463	3,241	178	1,246
Genital specimens for gonorrhoea	27,572	137,860	4,065	20,325
Cultures referred for identification	1,120	8,960	47	376
Organisms typed by phage, etc.	9,662	57,972	0	0
Other specimens	9,572	86,148	9,094	72,752
Diagnostic Serology				
Blood for syphilis	151,280	211,792	49,129	68,780
Blood for enteric infections (Widal)	921	4,605	413	2,065
Other specimens	4,728	6,826	715	2,145
Diagnostic Parasitology				
Faeces for intestinal parasites	871	1,742	195	390
Vaginal specimens for Trichomonas	22,925	22,925	3,685	3,685
Diagnostic Mycology				
Skin, hair, and nail specimens	2,437	7,311	73	219
Other specimens	2,525	7,575	3,547	10,641
Sanitary Bacteriology				
Water	13,531	29,768	5,773	12,700
Food, milk and cream	187	889	183	777
Environmental and other specimens	1,934	1,934	450	450
Diagnostic Virology				
Throat swabs for virus isolation	407	2,849	0	0
Faeces for virus isolation	561	3,927	0	0
Others for virus isolation	295	2,065	0	0
Blood for serology	2,854	22,932	0	0
Other specimens	1,146	7,362	0	0
Animal Inoculation				
Specimens for tuberculosis	596	596	594	594
Specimens for virus studies	256	256	0	0
Other specimens	151	151	13	13
Diagnostic Pathology				
Cervical smears	58,750	58,750	20,869	20,869
Fluids	523	523	250	250
Blood smears and bone marrows	159	159	190	190
Routine diagnostic histology	24,597	49,194	6,381	12,762
Routine autopsy histology	1,828	9,140	47	235
Totals	418,158	1,272,881	135,202	426,078

Total number of specimens examined	553,360
Total number of examinations performed	1,698,959

TABLE 2

SOME POSITIVE MICROBIOLOGICAL FINDINGS

Bacteriology		
General	**Number of Positive Findings**	
Diphtheria bacilli isolated, total		132
toxin-producing	61	
non-toxin-producing	71	
Group A haemolytic streptotocci isolated		8,620
Venereal Infections		
Gonococcus detected in smears		2,737
Gonoccus isolated in cultures		1,696
VDRL test for syphilis: reactive result – routine		1,935
– premarital		41
Trichomonas organisms detected		3,071
Tuberculosis		
Total number of tubercle bacilli isolated by culture		630
from sputum	382	
from urine	75	
from cerebrospinal fluid	8	
from gastric washings	110	
from other body fluids	11	
from other specimens	44	
Total number of tubercle bacilli isolated by animal inoculation		136
Total number of strains of **M. tuberculosis** tested for antibiotic sensitivity		548
Enterobacteria		
Total Salmonella isolations from human sources		357
S. typhimurium	142	
S. newport	66	
S. saint paul	55	
S. heidelberg	19	
S. infantis	16	
S. enteritidis	15	
S. blockley	9	
S. kentucky	6	
Fifteen other salmonella serotypes	29	
Total Shigella isolations		480
Sh. flexneri serotype 3	168	
Sh. flexneri serotype 4	101	
Sh. flexneri serotype 6	60	
Sh. flexneri other serotypes	62	
Sh. sonnei	89	
Total Enteropathogenic **Escherichia coli** strains isolated		304
Esch. coli serotype 0119	60	
Esch. coli serotype 0126	57	
Esch. coli serotype 0128	48	
Esch. coli serotype 0111	42	
Esch. coli serotype 026	40	
Other pathogenic serotypes	57	
Mycology		
Dermatophyte fungi isolated from skin, hair and nails		403
Trichophyton mentagrophytes	149	
Trichophyton verrucosum	95	
Trichophyton rubrum	78	
Microsporum canis	49	
Epidermophyton floccosum	29	
Trichophyton violaceum	2	
Trichophyton schoenleini	1	
Other fungi isolated		1
Madurella mycetomi	1	
Parasitology		
Intestinal parasites identified		166
Giardia lamblia	60	
Enterobius vermicularis	29	
Ascaris lumbricoides	21	
Trichuris trichiura	18	
Diphyllobothrium latum	17	
Endolimax nana	7	
Taenia saginata	5	
Hookworms	5	
Entamoeba histolytica	2	
Clonorchis sinensis	2	

Virology

Total number of viruses isolated			116
Adenoviruses		21	
type 1	3		
type 2	7		
type 3	1		
type 5	5		
type 6	3		
type 7	2		
Echoviruses		13	
type 4	2		
type 6	2		
type 9	2		
type 11	2		
type 14	4		
type 22	1		
Coxsackie viruses		63	
type A16	59		
type B5	4		
Parainfluenza viruses		2	
type 1	1		
type 3	1		
Polioviruses		10	
type 1	1		
type 2	2		
type 3	7		
Varicella virus		1	
Influenza A virus (subtype A2, Hong Kong variant)		6	
Number of Virus and Related Infections Diagnosed Serologically			115
Influenza A		32	
Influenza B		16	
Rubella		16	
Herpes simplex		14	
Psittacosis group (Bedsonia)		14	
Mumps		11	
Mycoplasma pneumoniae		9	
Measles		2	
Rubeola		1	

TABLE 3

THE NUMBER OF CERTAIN CATEGORIES OF SPECIMENS EXAMINED ANNUALLY AT THE PROVINCIAL LABORATORY OF PUBLIC HEALTH AT INTERVALS FROM 1922 TO 1968.

Specimen	1922	1930	1938	1946	1952	1960	1968
Tuberculosis specimens	451	714	858	768	5,475	15,613	19,480
Throat swabs	1,229	2,408	2,226	1,788	5,515	13,606	49,669
Syphilis serology	5,008	13,541	30,530	99,009	104,761	154,520	200,409
Cancer cytology	0	0	0	0	75	1,688	79,619
Surgical pathology	1,501	6,168	9,425	9,321	13,098	32,639	30,978
Total of these five categories	8,189	22,831	43,039	110,886	128,924	218,066	380,155

DIVISION OF ENVIRONMENTAL HEALTH SERVICES

H. L. Hogge, B.Sc., P.Eng., Director

The Division of Environmental Health Services is responsible for the administration of programs designed to maintain a healthy public environment in the fields of air and water pollution control, public waterworks and sewerage systems, swimming pools, plumbing and public health inspection services. During 1968 the volume and scope of work expanded to keep pace with the continuing industrial and urban expansions in Alberta. The basic programs of the Division remained unchanged, however, specific problem areas were assessed with a view to adequacy of current surveillance and monitoring programs and control facilities.

The Division of Environmental Health Services is responsible to the Minister of Health through the Deputy Minister. The administrative authority for the control of the public health function is the Provincial Board of Health and, subject to the approval of the Lieutenant Governor in Council, may make and issue orders, rules and regulations as provided for in The Public Health Act. The Provincial Board of Health is composed of the Provincial Medical Officer (Deputy Minister of Health) as Chairman, the Director of the Division of Environmental Health Services, and the Director of the Provincial Health Laboratories as members.

The Alberta Advisory Committee on Pollution Control, established in 1967, held its second meeting on October 9th and 10th, 1968 and reviewed reports submitted by the various Subcommittees. One additional Subcommittee was formed this year, "Subcommittee on Soil Pollution", making a total of thirteen. This Subcommittee was formed to study the various aspects of contamination of the soil and its effect on future productivity, and to assist in the development of a suitable control program. Members of the Division's staff participate in the work of the Subcommittees and also assist by providing a 'secretary' service.

In the Division there are six separate sections, each with a specialized area of responsibility, that must keep abreast of trends and developments within the Province. The specific work carried out by the various sections of the Division during the calendar year 1968 is summarized by the 'Head' of each section and is presented below in the following order:

1. Air Pollution Control
2. Water Pollution Control
3. Municipal Engineering
4. Environmental Health Services Laboratory
5. Public Health Inspection
6. Plumbing Inspection

1. AIR POLLUTION CONTROL SECTION

Mr. S. L. Dobko, P.Eng., Head

The Air Pollution Control Section continued in its activities of assessment and control of air pollution in Alberta. This was accomplished by regulating the pollution from new industrial plants, assessing and reducing, where necessary, the emission of pollutants from various industrial operations that had been in operation before 1968 and assessing the level of pollution in urban areas. The progress and findings of the research projects being carried out on our behalf and continuing from 1967 were continually reviewed. These again included the work on mathematical modelling of dispersion calculations of pollutants and meteorological studies and correlations in our two major cities of Calgary and Edmonton.

The engineering staff in this section was at full force as of June 1, 1968, consisting of, besides the 'Head', a full complement of four engineers. The technical staff of this section is made up of two senior technicians, four technicians and one laboratory assistant. In addition to these full time employees, from approximately May to September, two summer students were employed to assist in carrying out source sampling surveys.

The various specific work and duties that have been carried out in 1968 by the Air Pollution Control Section are summarized as follows:

a. Operation of Mobile Laboratories

Two mobile pollution laboratories, as in previous years, were operated on a continuous basis throughout the Province by technicians of this Division. These units were used to investigate complaints and observe general air pollution levels in the vicinity of gas processing plants and in sour oil field areas. In conjunction these are used to monitor sulfur dioxide and hydrogen sulfide levels along with a number of meteorological parameters such as wind, temperature, humidity and pressure.

In the 1968 calendar year, 38 surveys were carried out in 22 different areas.

Unit No. 1646 operated a total of 294 days with 72 days lost due to moving of the unit, mechanical difficulties, trailer maintenance and annual equipment overhaul. The other Unit No. 1585 operated for a total of 334 days and 32 days were lost due to moving of the unit, mechanical difficulties and annual equipment overhaul.

Also operated by the mobile trailer operators were additional hydrogen sulfide samplers at two other locations near the mobile laboratory sites for a total of 23 days.

Besides operating these mobile units, the operators are required to carry out at each move to a different area, a survey of the area for all possible sources of pollution so that all results could be correlated and followed up.

b. Permanent Field Monitors

The Division is maintaining 159 exposure cylinder stations for the determination of hydrogen sulfide and 163 exposure cylinders for the determination of total sulfation. This is a net increase of 7 stations (approximately 4.6%) over last year. Also located throughout the Province are 54 stations which are maintained for the determination of dustfall. Over last year this is a net increase of 9 (approximately 20%). In addition to the above, 7 fluoride monitoring stations are being maintained. All of these stations are changed on a monthly basis and are analyzed by the Environmental Health Services Laboratory.

c. Pollution Source Surveys

In 1968, 29 source surveys were completed, an increase of 7 over the previous year. To check if plant operations were in compliance with the Air Pollution Regulations, or within their approval conditions, 17 source surveys were undertaken for sulfur dioxide; 10 for particulate; and 2 for particulate, fluoride, ammonia and phosphates.

Plant tours were taken at 24 plants to evaluate existing air pollution control facilities and to make recommendations for proper air pollution control.

d. Incinerators

Since 1966 there have been an increasing number of submissions reviewed. The number of incinerators given approval or amendments written for was 143.

To check if incinerators were in compliance with the "Incinerator Standards for the Province of Alberta" and that the operations were in compliance with the Air Pollution Control Regulations, 10 inspections were made.

e. Approvals Issued to Existing Plants and New Industries

Approvals were given to 38 plants which were in existence prior to 1961 or which were expanding or changing some of their previously established operations. In addition, 44 approvals were given to new plants for air pollution control facilities at their establishments. This represents a net increase of 48 approvals over the previous year, an increase of well over 100%.

f. Effect of SO_2 Upon Vegetation

Samples were again collected in the vicinities of gas plants to study the effect of SO_2 upon vegetation. In total, 260 samples were gathered by members of this Division and the Department of Lands and Forests and all of the analyses were done by the Environmental Health Services Laboratory of this Division.

g. Special Projects

Two research projects which are sponsored by the Department of Health and which were initiated in 1967 were continued in 1968. Both of the projects are of such nature that when completed will be invaluable to the work being done on air pollution in this Division.

Geoscience Research Associates Ltd., under a contract with the Department of Health, continued their work in the Meteorological Research Project in Calgary and Edmonton. At Calgary the meteorological tower was erected and all the pertinent instrumentation for the meteorological measurements were installed in early 1968. This has enabled the gathering of relatively complete data which will be used in the final analyses of the project in Calgary.

As indicated in the 1967 Annual Report the installation of the equipment was completed in Edmonton then and gathering of data was continued in 1968 to be used for the correlations.

Work with the mobile meteorological equipment was also continued in 1968 to correlate and substantiate the overall meteorological studies in Edmonton and Calgary.

The other research project on mathematical modelling of pollutant dispersion which is being carried out by the University of Calgary was continued in 1968. Progress on this work has been quite good and some details on the findings are available; however, the project at this time is not completed.

h. Maintenance and Calibration of Equipment

To prevent major downtime in the operation of the pollution monitoring equipment a routine maintenance and calibration schedule was continued. This work is essentially carried out by the senior laboratory technicians.

i. Urban Monitoring

During 1968, 2 more smoke samplers were installed in Calgary, bringing the total up to 4. As in 1967, there are 6 smoke samplers operating in Edmonton.

High volume samplers were operated in Edmonton and Calgary on a random schedule of approximately 4 days per month.

In addition to the smoke samplers in Calgary an oxidant analyzer was also operated on a continuous basis. In Edmonton a hydrocarbon analyzer was placed in operation during 1968 and was operated on a continuous basis along with the 6 smoke samplers, the oxides of nitrogen analyzer and oxidant analyzer.

j. Computer Programs

Several new programs or additions to existing programs were written during 1968.

A program was written to tabulate temperature differences between different levels for temperature inversion studies.

A new program was written to include the "Pasquill Method" in the calculation of ground level concentrations from flares.

The program used for calculation of downwind concentrations by the Pasquill Method was also expanded to include six meteorological conditions.

Several additions were written to the stack sampling program to include fertilizer stack sampling calculations comparing these to allowable ground level concentration calculations and particulate loading.

Also in 1968 an addition was written to the trailer report to do a wind correlation with higher levels of readings.

k. Special Studies

One major investigation was carried out in 1968 in the Fort Saskatchewan area when an extremely large quantity of chlorine gas was accidently emitted to the atmosphere from a storage vessel in this area. Some 58 farm residents were interviewed to check on the effect this emission had on them or their farming operations. Meetings were held with the responsible company and remedial action was taken to prevent similar emissions in the future.

l. Investigation of Complaints

In 1968, 118 complaints were received and, where possible, investigated and corrective solutions were requested where complaints were verified; however, it should be noted that of the total of 118, 48 were taken by telephone on one day when extreme inversion conditions prevailed in Edmonton, thus creating an overall area odor problem.

m. Seminars, Courses, Conferences

A further seminar was held in conjunction with the Meteorological Research Project which included representatives of the Division of Environmental Health Services and of Geoscience Research Associates Ltd. A number of points were covered in respect to the project such as problems encountered, data collected, where the project will proceed from here, etc.

A lecture on "Air Pollution" and how it may affect soil pollution was presented to a Soils Workshop forum in 1968.

One staff member of the Air Pollution Control Section attended the Air Pollution Control Association Conference which was held at St. Paul, Minnesota, in June of 1968. Another of the staff attended a one-week course on air pollution at Salt Lake City, Utah, in February. The Banff Pollution Conference was also attended by one of the staff in May.

n. Air Pollution Control Regulations & Standards

The "Incinerator Standards for the Province of Alberta" which were first formulated in 1965 and revised in January, 1968, were approved by the Provincial Board of Health as the accepted standard for incinerator construction in this Province and thus a section was added to the regulation whereby all incinerators must comply with the latest edition of these Standards.

Work was initiated in 1968 on the formulation of Air Pollution Working Standards for the Province of Alberta on various pollutants.

o. Alberta Advisory Committee on Pollution Control

The various air pollution subcommittees of the Alberta Advisory Committee on Pollution Control met on several occasions before the main Committee meeting in October, 1968. A number of recommendations were made and presented at the October meeting so that they can be considered to be worked into some of the air pollution control programs.

2. WATER POLLUTION CONTROL SECTION

Mr. E. E. Kupchanko, M.Sc., P.Eng., Head

The function of the Water Pollution Control Section is the assessment and control of water pollution in the Province of Alberta. Detailed sampling surveys were continued to assess the quality of surface waters, industrial and municipal waste effluents with co-ordination of these waste water discharges to overall river performance.

The staff in the Section was increased by one engineer and now consists of three engineers, two engineering technicians, one industrial laboratory technician and a temporary technical assistant, all supervised by the 'Head' of the Section.

The Section's RM-25 Robot Monitor was put into service in August. It has been used to measure the extent of pollutants in the Oldman and Bow Rivers. During the winter months the unit will be situated on the North Saskatchewan River near Redwater. Through continuous monitoring of river waters, the types and sources of pollution can be exposed. Compilation and study of this data over a period of time will prove valuable in maintaining acceptable safe levels of water quality.

Throughout the year plans of proposed industrial plants were reviewed with respect to water pollution potential and proposed control. Twenty-eight Provincial Board of Health approvals for the release and control of waste waters were granted.

Nineteen applications for the addition of chemicals for the control of aquatic weeds were received. Of this total, ten applications were granted Provincial Board of Health approval, while the remaining were not accepted.

With the incorporation of automatic sampling and monitoring equipment the trend of sampling has changed somewhat, with more emphasis being placed on river performance rather than individual analyses. Investigation of other areas of pollution control such as pesticides and specific hydrocarbons has been facilitated.

Co-operation with Canadian Salt Company at Lindbergh, the City of Drumheller, and the City of Medicine Hat has been obtained to assist the section in the determination of dissolved oxygen values on a daily basis during critical times of the year. These results will enable the section to maintain a continual assessment of this prime water quality parameter as the water leaves the Province.

The Alberta Advisory Committee on Pollution Control was quite active during the year. The various Subcommittees met and discussed a number of pertinent water pollution problems. A draft of "Water Quality Criteria" for the Province of Alberta was drawn up for approval by the Provincial Board of Health.

A more detailed summary of the water pollution control program during the calendar year, 1968, is presented below.

I. RIVERS

a. North Saskatchewan River

Regular sampling of the North Saskatchewan River continued during the winter of 1968. Weekly samples were obtained at Fort Saskatchewan Bridge and at Vinca Ferry, while the other locations – Edmonton 105th Street Bridge, Waskatenau Bridge, Duvernay Bridge, Elk Point Bridge, and Lloydminster Ferry were sampled twice monthly. The upstream locations from Edmonton at Drayton Valley Bridge and Brazeau Dam were sampled on a monthly basis. A new location at Devon Bridge has been added to more fully evaluate the quality of the river water upstream of Edmonton.

A Robot water quality monitoring station was put into operation near the Vinca Ferry location on November 30, 1968. Since that time 768 hours of data have been recorded by the monitor.

Activated carbon absorption studies continued through 1968. The location of these studies were: Devon, Fort Saskatchewan and Lindbergh. A fourth location at the Redwater Robot monitoring station will be established in the new year.

A total of 147 samples were taken during 1968. Seventy-seven other samples were received from Canadian Salt Company at Lindbergh for odor determination.

b. Bow River

Five complete surveys of the Bow River were conducted during 1968. One survey during the summer included locations at Bears Paw Dam, Cochrane Bridge, and Bowness Bridge.

The Robot water quality monitoring trailer was located at the Stier's Ranch location during August and September. The monitor recorded 288 hours of data during this time.

Taste and odor studies in trout were again conducted as in previous years with the assistance of the staff at the Calgary Fish Hatchery. One study involved native fish in the Bow River in co-operation with the Fish and Wildlife Division.

Activated carbon absorption studies have been continued at a new location at Bassano.

c. Oldman River

Four surveys of the Oldman River were conducted during 1968. These surveys were made during the critical period in late fall and early winter when the sugar factories discharge waste water to the river.

The Robot water quality monitoring trailer was located at the Taber Provincial Park for 943 operating hours. Other locations down-stream of Taber are being considered to monitor the effect of industrial waste waters on the river.

d. Athabasca River System

The Athabasca River system which includes the McLeod River and the Lesser Slave River was sampled on a once-per-month basis during the winter months. A total of 80 samples were collected from eight main locations, six on the Athabasca, one each on the Lesser Slave and the McLeod Rivers.

A special investigation involved sampling the Athabasca River down-stream of Tar Island to Lake Athabasca. An oil spill at the Great Canadian Oil Sands plant was monitored during this investigation.

e. Red Deer River

Four composite surveys of the Red Deer River were completed during the 1968 calendar year. Samples were also obtained from the South Saskatchewan River near Empress and at Medicine Hat. Surveillance of the Red Deer River has been increased from past years due to high loadings and very low flows in the river. Daily dissolved oxygen analyses are determined at Drumheller and at Medicine Hat during the winter months.

f. Peace River System

The Wapiti River, Smoky River and the Peace River which constitutes the Peace River System was sampled once during the year. Samples were obtained from five different locations on this system. Greater emphasis will be placed on this river system during the coming year due to the increased industrial activity in this area.

g. Other Rivers

Rivers in this category include the Blindman River, Sheep River, Redwater Creek and Edson Creek. Sampling of these watercourses usually coincided with the periodic release of ponded waste waters during high run-off periods. Thirty-one samples were collected during 1968.

II INDUSTRIES

Greater emphasis has been placed on 24-hour composite samples during 1968. Improved winter sampling equipment has been acquired resulting in more representative samples of industrial effluents. Approximately 50% of the industries were composite sampled. Composite sampling of industrial effluents were generally carried out in conjunction with river surveys. The number of samples taken from industries associated with the receiving streams are given in the following table.

River	Industrial Samples
1. North Saskatchewan River	136
2. Bow River	24
3. Oldman River	12
4. Red Deer River	7
5. Athabasca River	23
6. McLeod River	15

A number of industries, including some gas processing plants now utilize disposal wells for their waste water. This form of waste disposal significantly decreases the pollutional load to a receiving stream.

III DOMESTIC SEWAGE EFFLUENT

a. Edmonton Sewage Treatment Plants

The two sewage treatment plants were sampled on a monthly basis. Thirty-four samples were taken during the year. These samples included both the influent and effluent from the plants. One sample of the packing plant lagoon was taken during 1968. This survey coincided with the release of the ponded waste during the spring.

b. Calgary Sewage Treatment Plants

The three sewage treatment plants in Calgary were composite sampled during five week-long surveys of the Bow River. A total of 30 samples of both the influent and effluent were obtained from Fish Creek, Ogden and Bonnybrook Sewage Treatment Plants.

c. Southern Alberta Sewage Treatment Plants

Thirty-two samples were obtained from Southern Alberta during four Oldman River surveys. Four of these samples were from Taber where sewage is not treated. The remaining 28 samples were from the two sewage treatment plants at Lethbridge.

During 1968 a total of 728 samples were obtained by this Section. River samples totalled 344; industrial samples 284; and the remaining 100 were domestic sewage samples. Seventy-seven other samples were received from the Canadian Salt Company at Lindbergh for odor analyses.

IV INVESTIGATION OF COMPLAINTS

Ten complaints of water pollution were investigated in 1968. Corrective measures were taken where complaints were verified.

V MEETINGS AND COURSES

The 'Head' of the Section presented a paper at the Banff Conference on Pollution which was held in May. The Western Canada Water and Sewage Conference which was held in Calgary was attended by the Head and another engineer.

A two-week training program on Water Quality Studies at Ada, Oklahoma, was attended by an engineer during October. This course presented by the United States Federal Water Pollution Control Administration was designed for engineers and other administrative personnel responsible for planning and conducting water pollution surveys.

3. MUNICIPAL ENGINEERING SECTION

Mr. R. N. Briggs, M.Sc., P.Eng., Head

During 1968 the Municipal Engineering Section processed 315 submissions for approval of water and sewerage projects, which includes the approvals of new systems in 5 communities. The total number of communities with water and/or sewerage systems is 260. In addition, there were 7 public and 14 semi-public swimming pools approved for construction.

There were 307 water and sewerage inspections conducted in 160 communities (62% of the total with water and sewage), and 62 inspections of swimming pools.

Publication of "The Utility Operator" was commenced in 1968, with two volumes being sent out. This bulletin received very favorable comment from people associated with waterworks, sewage treatment and swimming pools.

Fluoridation of public water supplies continued to increase with six communities commencing fluoridation during the year. There are now 30 communities fluoridating their water supplies.

A control program for the corrosiveness of treated water was commenced and will be continued in 1969.

Additional details on the above, along with the other activities of this Section are provided as follows:

I WATERWORKS AND SEWERAGE SYSTEMS

The Public Health Act requires that any new water and/or sewerage systems and extensions or alterations must be approved by the Provincial Board of Health before such work is commenced. In this regard there were 315 approvals recommended to the Board for their approval. Of these, 71 were for "Provisional" Approval and 244 were for "Final" Approval, which authorizes construction of the project. These Final certificates were issued to 120 communities and represents an increase of 23% over the number of certificates issued in 1967.

The estimated value of the 244 Final certificates was $35,652,155.09. Table I lists the number of Final certificates and their corresponding value since 1953.

A breakdown of the certificates issued is provided in Table II, which in turn explains to which phase of the water and sewerage system the certificates apply.

During 1968 there were 12 communities in addition to 2 new sewerage systems which received final approval for the extension or provision of sewage treatment facilities. This includes the $15,020,000.00 for the City of Calgary's sewage treatment facilities.

TABLE I
REVIEW OF FINAL CERTIFICATES AND ESTIMATED COST OF WATER AND SEWAGE WORKS PROJECTS
–1968–

Year	No. Issued	Estimated Cost	Year	No. Issued	Estimated Cost
1953	97	$12,465,396	1961	172	$18,876,977
1954	109	16,455,810	1962	184	9,427,465
1955	107	17,524,020	1963	146	8,818,845
1956	99	15,803,965	1964	180	33,758,486
1957	110	11,430,812	1965	195	16,632,629
1958	132	9,795,223	1966	176	16,895,259
1959	160	15,733,142	1967	187	19,974,878
1960	189	16,820,264	1968	244	35,652,155

TABLE II
CERTIFICATES ISSUED DURING 1968

	Provisional Certificates		Final Certificates	
	No. Issued	Estimated Cost	No. Issued	Estimated Cost
A. New Systems				
Water	7		6	
Sewer	4		3	
TOTAL	11	$1,407,015.00	9	$ 513,680.00
		*(5 communities, 1 miscellaneous)		
B. Water & Sewer Extensions				
	28	$1,903,560.00	152	$13,797,259.77
		*(52 communities, 4 miscellaneous, 5 superseded)		
C. Water Treatment, Supply & Storage				
	18	$1,757,810.00	38	$ 2,446,954.00
		*(30 communities, 1 miscellaneous)		
D. Sewage Treatment				
	10	$5,619,100.00	14	$16,334,591.00
		*(12 communities, 2 miscellaneous)		
E. Storm Sewers				
	4	$ 554,000.00	31	$ 2,559,670.32
		*(21 communities)		
TOTAL	71	$11,241,485.00	244	$35,652,155.09

*Based on Final Certificates

The five communities which received approval for the installation of a water and/or sewage system are given in Table III along with the respective system that was approved.

In 1968 the Provincial Board of Health required a minimum of primary sewage treatment for all municipal sewage systems which applied directly to three municipalities and an upgrading of five other sewage systems. In this regard, preliminary work has been commenced with the respective communities and most of the construction should be completed in 1969.

As of December 31, 1968 there were 260 communities served with water and/or sewage systems; 238 communities have water systems, 16 of which do not have sewage systems; 244 communities have sewage systems, 22 of which do not have waterworks systems.

Additional statistics concerning the water and sewerage systems in the Province are given in Table IV.

During the year there were 307 inspections or consultations conducted with 160 of the various communities with water and/or sewerage. This includes inspection of complaints, follow-up inspections and general inspections.

TABLE III
COMMUNITIES WHICH RECEIVED FINAL APPROVAL FOR A WATER AND/OR SEWAGE SYSTEM
1968

Community	Water	Sewer
Amisk	*	
Cayley	*	
Clairmont	*	*
Eaglesham	*	*
Etzikom	*	

TABLE IV

Population Group	Number of Communities	Number Served With Waterworks	%	Number Served with Sewerage	%
Over 10,000	7	7	100	7	100
3,000-10,000	20	20	100	20	100
1,000-3,000	51	50	98	50	98
500-1,000	43	41	95.5	42	98
300-500	46	40	87	44	96
150-300	78	63	81	65	83
Under 150	29	17	59	16	55
TOTAL	274	238		244	
AVERAGE			87%		89%

NOTE: Jasper, Banff, Waterton not included.
Hamlets with neither water nor sewerage systems not included.
Summer Villages not included.
Institutions not included.

II FLUORIDATION

Fluoridation of municipal water supplies and its operation is under the control of this Section.

Monthly reports from the communities fluoridating are forwarded for checking and to determine the fluoride residual based on the amount of chemicals added and water treated. When indicated the community is notified and requested to adjust their feed rate or make the necessary changes to their equipment or method of operation.

In addition to the monthly reports, a yearly summary is prepared for each town and the respective fluoridation program reviewed.

A report of the natural fluoride levels in the Province was updated and distributed during 1968. This survey showed that 24% (53) of the communities surveyed had a fluoride level between 0.9 and 1.5 p.p.m.; 53% (23) of which have natural fluorides. The population served by controlled fluoridation is now 506,000 which represents 46% of the urban population. An additional 33,000 people are using water with a natural fluoride content between 0.9 p.p.m. and 1.5 p.p.m., making a total of 49% of the urban Alberta population being served with water containing 0.9 p.p.m. to 1.5 p.p.m. fluoride.

Communities which commenced fluoridation during 1968 include Bow Island, Hanna, Pincher Creek, St. Paul, Vegreville and Westlock.

III SWIMMING POOLS

In addition to water and sewerage, the Municipal Engineering Section is responsible for the approval and initial inspection of public and semi-public swimming pools. A total of 7 public and 14 semi-public pools were recommended and approved for construction during 1968.

During 1968 a total of 29 and 33 inspections of public and semi-public pools respectively were conducted.

Public Pools

Plans and specifications for 6 new pools were submitted for approval in 1968. Of these, the following 5 pools were approved for construction:

1. Calgary – Renfrew
2. Edmonton – Coronation
3. Nanton
4. Redwater
5. Westlock

The other submission received was still pending and will likely be approved early in 1969.

In addition to the foregoing, the pools for Didsbury and Medicine Hat (Crescent Heights) and a new bathhouse for the Fort Saskatchewan pool were also approved (submission received in 1967).

Semi-Public Pools

Although 19 submissions were received for semi-public pools, only 8 of these were approved for construction. Those approved were as follows:

1. Calgary – Calgary South Travelodge
2. Calgary – Carriage House Motel
3. Calgary – Glenmore Gardens Apartment (Indoor)
4. Edmonton – Academy Place Apartment
5. Edmonton – Oliver Place Apartment
6. Edmonton – 115 Street Apartment
7. Lethbridge – El Rancho Motor Hotel
8. Pine Lake – B'nai Brith Camp

The remaining 11 submissions listed were still pending at the end of the year.

In addition to the foregoing, six submissions received in 1967 were processed in 1968; of these, the following pools were approved:

1. Edmonton – Baymoor Manor Apartment
2. Edmonton – Centurion Towers Apartment
3. Edmonton – Strathcona House Apartment (Indoor)
4. Edmonton – Strathcona House Apartment (Outdoor)
5. Edmonton – Terrace Towers Apartment
6. Edmonton – Windsor Arms Apartment

SUMMARY

There are now 94 public swimming pools and 126 semi-public pools in the Province. The following table gives a detailed breakdown of these pools.

Swimming Pool Statistics to December 31, 1968

Category		Number
Public Pools		94
Semi-Public Pools		126
– Motels and Hotels	46	
– Apartments	43	
– Clubs	23	
– Camps	9	
– Institutions	5	
National Parks Pools		12
Department of National Defence Pools		8
TOTAL		240

IV SCHOOLS

The Water and Sewerage Operators' Schools were continued in 1968. Two schools were held – a first year with 112 operators and 20 public health inspectors in attendance and a third year with 63 operators in attendance.

To date attendance figures for these schools are as follows:

a. Completed first year course	526
b. Completed second year course	318
c. Completed third year course	279
d. Completed graduate schools	151
e. Number of communities represented	195

A second year school is scheduled for 1969.

Operators' Manuals containing the lecture material from each school were prepared and forwarded to each person in attendance.

Certificates were issued to those operators that had completed the three years of schools confirming their attendance at same.

V STAFF

The Municipal Engineering Section has a complete staff consisting of four engineers and a technical assistant.

VI CALGARY OFFICE

As of May 6, 1968 one of the Municipal Engineers has been present in the Calgary office during Monday afternoon and Friday morning of the first full week of every month. During the balance of the week normal inspections, etc. are conducted in the southern part of the Province.

There have been 24 incoming calls, 54 outgoing calls and 5 visits made to the office pertaining to our Section's work.

The Calgary office has increased our service to the southern part of the Province as it ensures that at least one visit per month is made to this portion of the Province. As a result of this there is work being completed in this area and more assistance being given to the communities and Health Units.

VII OTHER AREAS

a. Special Projects

Corrosion Control – A control program for checking the corrosiveness of a municipality's water was instigated in 1968. A special device containing 'test coupons' is inserted in a water distribution main for a period of three months after which they are removed and the rate of corrosion calculated. Chemical analyses of the water are also taken for the determination of a Langelier's index.

When a water is found to be corrosive the municipality is advised of the necessary steps that are required to reduce the rate of corrosion.

Test rods and coupons are being installed for those communities which chemically treat their water supplies. Initial indication is that the program will prove to be very beneficial.

b. Certification of Water and Sewerage Systems and Classification of the Respective Operators

All water supply and distribution systems, sewage collection and sewage treatment facilities have been reviewed and certified into definite categories and the respective operators have been classified to the aforementioned certification of their systems.

This program is being conducted in conjunction with the guidelines proposed by the Western Canada Water and Sewage Conference. The object of the program is to increase the interest in the water and sewerage field and to obtain a higher degree of maintenance and operation of the systems.

Our program is currently waiting for confirmation of the guidelines and form of certificate before formal notification may be given to the owners of the system and the individual operator. It is expected that this program will be operational early in 1969.

c. Western Canada Water and Sewage Conference Correspondence Course for Water Treatment Plant Operators in Alberta

This course is a correspondence course for operators of water treatment plants and is provided through the Western Canada Water and Sewage Conference. We supervise the 13 separate lessons and provide help to the operators when required. Three applications have been received for the 1968-69 course.

The following table gives a summary of this course for Alberta operators.

W.C.W.S.C. CORRESPONDENCE COURSE FOR WATER TREATMENT PLANT OPERATORS IN ALBERTA

	1962	1963	1964	1965	1966	1967	1968	Total
Number commencing course	28	16	–	1	2	23	24	94
Number completing course	14	6	–	1	1	11	12	45
Number passing course	12	6	–	1	1	8	*	28
Number of communities represented	20	12	–	1	1	13	17	–

*The twelve men who completed the course in 1968 will be writing their exams during January, 1969.

d. Conferences

The Western Canada Water and Sewage Conference (in Calgary) was attended by two engineers.

The Canadian Section of the American Water Works Association (in Ottawa) was attended by one engineer.

In addition, one engineer attended the Alberta Division of the Canadian Public Health Association in Lethbridge.

e. Publications

The following publications were distributed or prepared during 1968:

1. Recommended Standards for Water Supply and Sewerage
2. Modified Landfills
3. Survey of Fluoride Levels in Alberta
4. Water and Sewerage Systems in Alberta
5. Swimming Pools in Alberta
6. 1st Year Operators' Manual
7. 3rd Year Operators' Manual

In addition to the above, two volumes of a bulletin entitled "The Utility Operator" was prepared and circulated to all operators of water and sewage systems, consulting engineers and health units. The Utility Operator is a quarterly publication, the object of which is to help keep the operator informed and to create added interest in the field.

f. Health Units

Medical Officers of Health and/or Public Health Inspectors are contacted during our inspection trips throughout the Province. Problems relating to the water and/or sewage systems and swimming pools are often drawn to their attention and on which we can generally be of assistance.

Questions of an 'engineering' or general nature, or those concerning the Division of Environmental Health Services are often raised by the health unit and on which our advice is requested.

The cordial co-operation with the health unit personnel is essential to our work and greatly appreciated.

g. Sampling

Samples submitted to our laboratory from water supplies, sewerage systems and swimming pools are mainly those for control purposes and for use in answering specific questions or problems.

A breakdown of the samples lifted are as follows:

Type of Sample	River, Tap, Well, etc.	Fluorides	Sewage	Misc.	Total
No. of samples tested	81	115	139	15	350

4. ENVIRONMENTAL HEALTH SERVICES LABORATORY SECTION

Mr. W. E. Kortsch, Head

A. Introduction and Summary

The year 1968 is particulary significant because a remarkable development in analytical services took place, not only reflected by a further increase in the quantity of testing, but especially by the commencement of specialized analytical programs which could not be performed before. In general the latter deal with the detection and identification of some types of organic chemical compounds which are specifically detrimental to the health of man and animal. A relatively wide variety of such compounds can be covered now of which examples are certain pesticides, herbicides, and crude and technical oils.

Mainly, three factors were essential for this achievement. Firstly, the availability of additional advanced and complex instruments; secondly, the circumstance that the separation of the laboratory into two organizationally independent branches initiated in the year 1967 proved to be successful. So far these branches were titled "Routine Analysis" and "Non-Routine Analysis". The third factor involved was the addition of well qualified additional staff.

To a certain degree the following numbers and statements give a general impression of the activities of both laboratory branches. The most significant increase in samples and tests took place in the field of Water Pollution Control as 26% more samples were received in comparison with 1967. Since a certain decrease in samples for the section of Municipal Engineering took place, a slight respective increase for the Air Pollution Control Section occurred. In addition, the trend for a higher demand in more detailed analysis continued.

Summarizing, 5,741 samples were analyzed and 17,026 individual tests performed on them. These numbers indicate a 4% sample increase and a 15% test increase over the year 1967, or an increase of 226% of samples and 337% of tests over the year 1960. Individual numbers are listed in Table I; the growth in activities since 1960 is represented in (Figures 1 to 4); and the ratios tests to samples in Figure 5.

However, the statistics do not give any indication as to the amount of research work which had to be performed in order to set up workable analytical methods, or to modify existing ones required for the specific environment of Alberta.

B. Specified Number of Samples Received and Tests Performed

In general this section covers samples for the different types of pollution control within the Division which were analyzed by the two laboratory branches. To a small degree the following numbers listed under "Water Pollution Control" and "Municipal Engineering" include also analyses on samples which were received from different departments of the Alberta Government and the University of Alberta. These were:

Department of Lands and Forests, Fish and Wildlife Division

Department of Civil Engineering and Department of Geology, both of the University of Alberta.

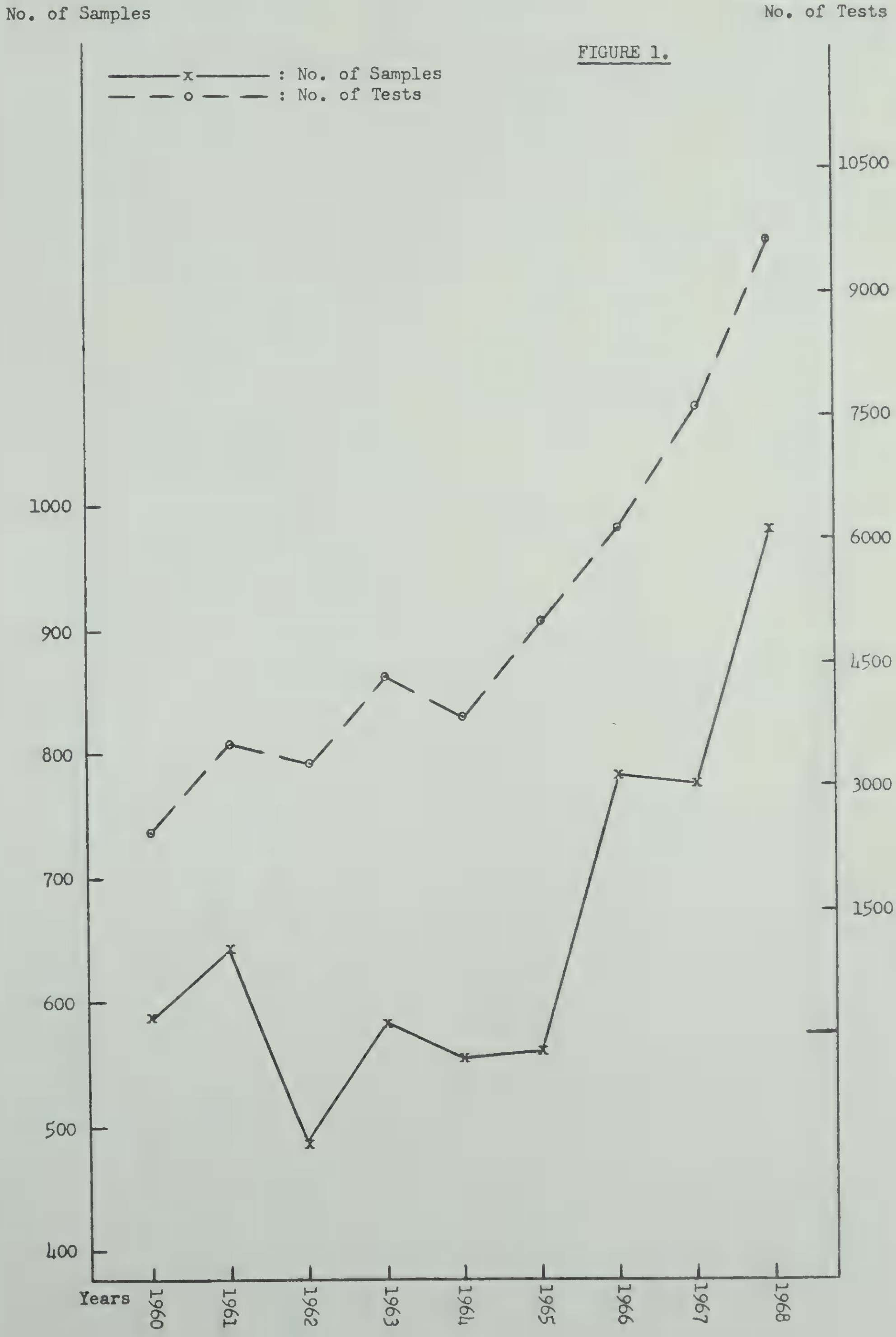
Interestingly, a tendency towards co-operation with the Fish and Wildlife Division in analyzing their water samples for specific pollutants was observed. Thus the laboratory assisted in two legal actions which were completed successfully for the Province of Alberta.

TABLE I
NUMBER OF SAMPLES AND TESTS

	Number of Samples	Number of Tests
1. Water Pollution Control		
River Water	506	5033
Industrial Waste Water	284	2853
Sewage	118	1210
Activated Carbon Filter	4	4
Miscellaneous	70	560
Total	982	9660
% Increase over number in 1967	26	27
Ratio: Tests to Samples	9.8	
2. Municipal Engineering		
River, Well, Tap Water	81	727
Drinking Water for Fluorides	115	115
Sewage	139	1443
Miscellaneous	15	66
Total	350	2351
% Increase over number in 1967	-25	4
Ratio: Tests to Samples	6.7	
3. Air Pollution Control		
Total Sulfation	1731	1731
Hydrogen Sulfide	1675	1675
Dustfall	495	495
Water Soluble Calcium		140
Hydrochloric Acid Soluble Calcium		132
Heavy Metals		137
Total Suspended Particulate Matter	86	86
Benzene Extractable Organic Compound		8
Heavy Metals		34
Fluorides	73	73
Vegetation for Total Sulfur	260	260
Stack Samples	83	232
Miscellaneous	12	12
Total	4415	5015
% Increase over number in 1967	3	6
Ratio: Tests to Samples	1.1	
Grand Total	5747	17,026
% Grand Total increase over number in 1967	4	15
Ratio: Total Tests to Total Samples	3.0	

Number of Samples and Tests for

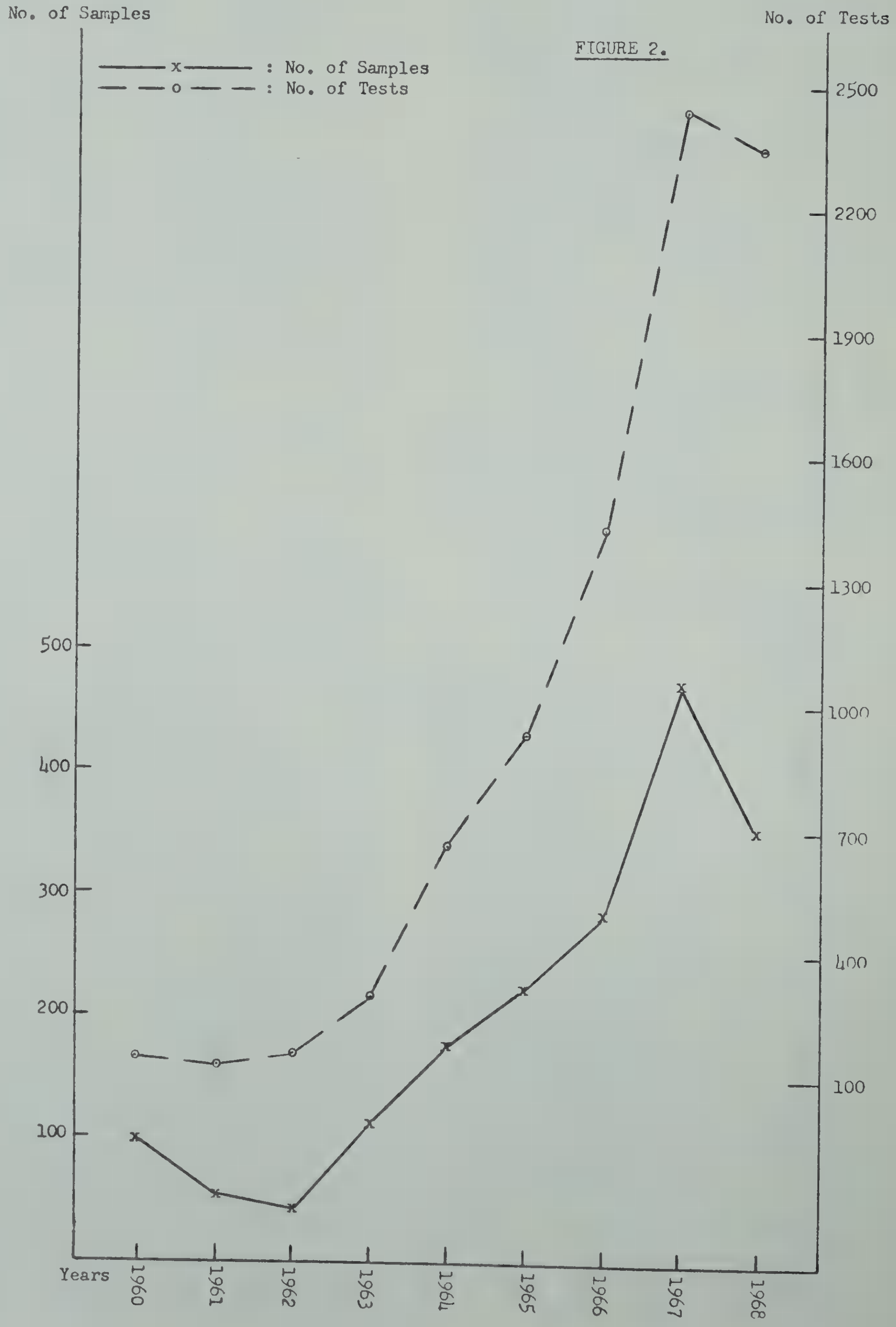
WATER POLLUTION CONTROL



Number of Samples and Tests for

MUNICIPAL ENGINEERING

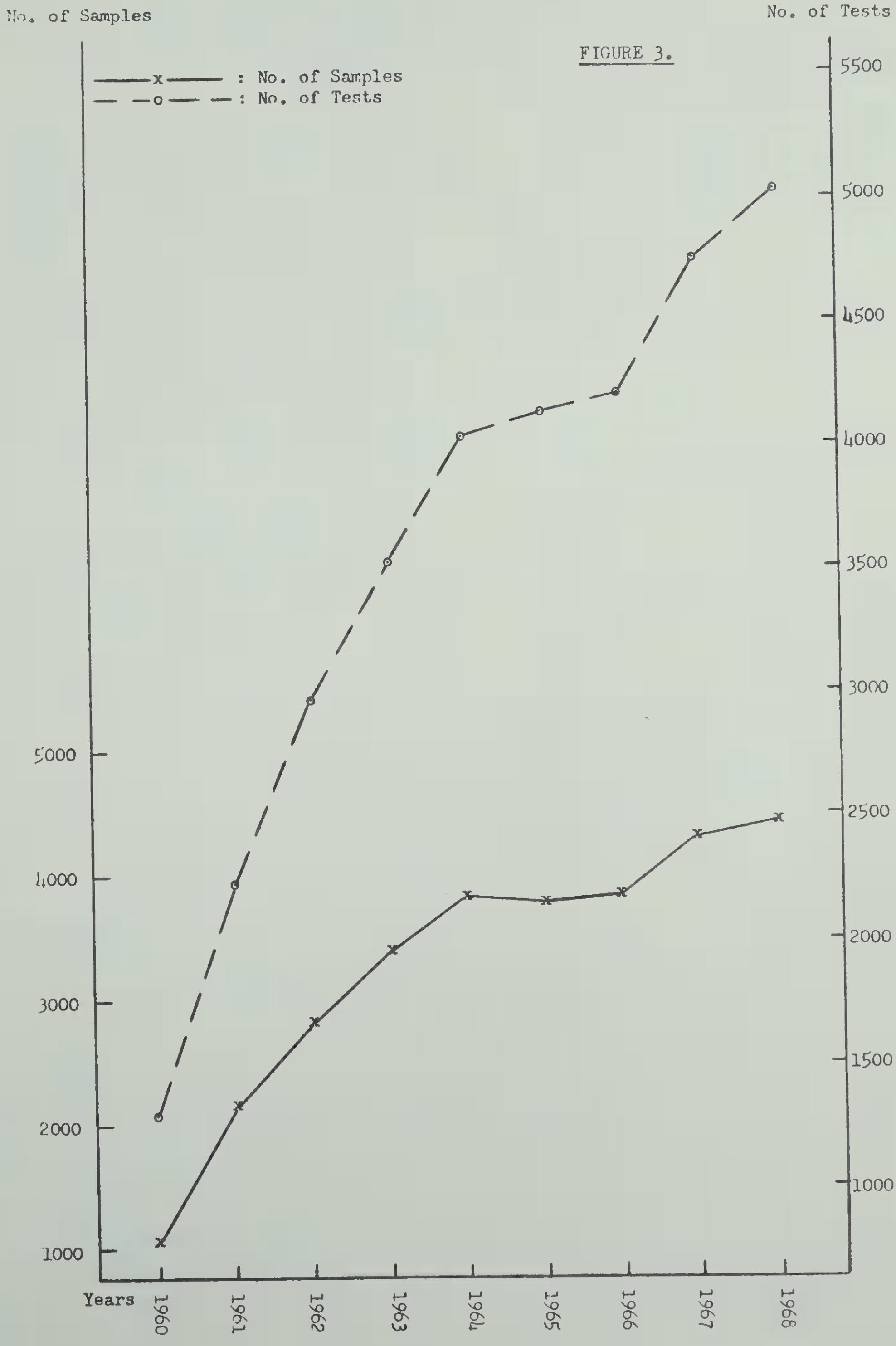
FIGURE 2.



Number of Samples and Tests for

AIR POLLUTION CONTROL

FIGURE 3.



GRAND TOTAL OF SAMPLES AND TESTS

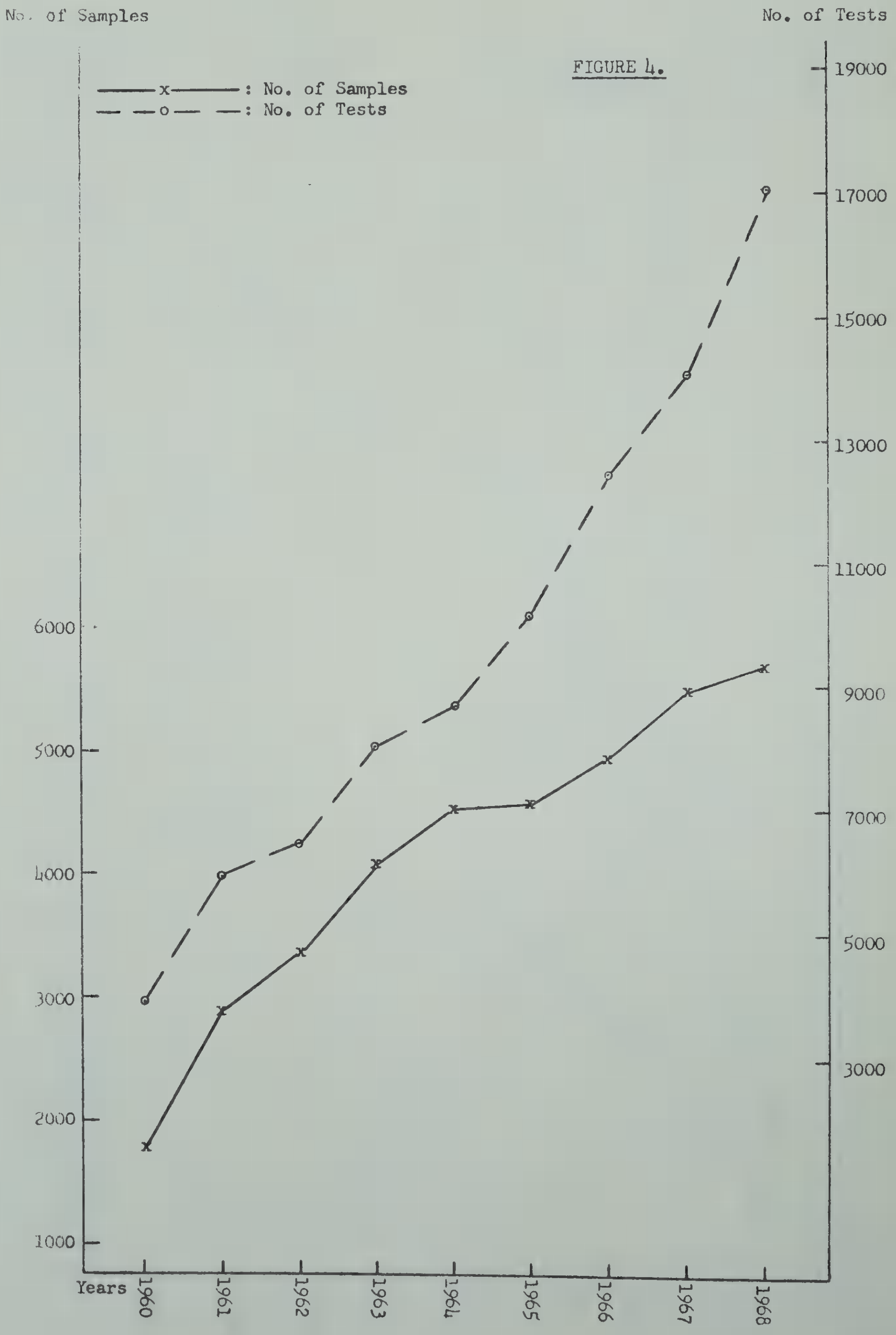
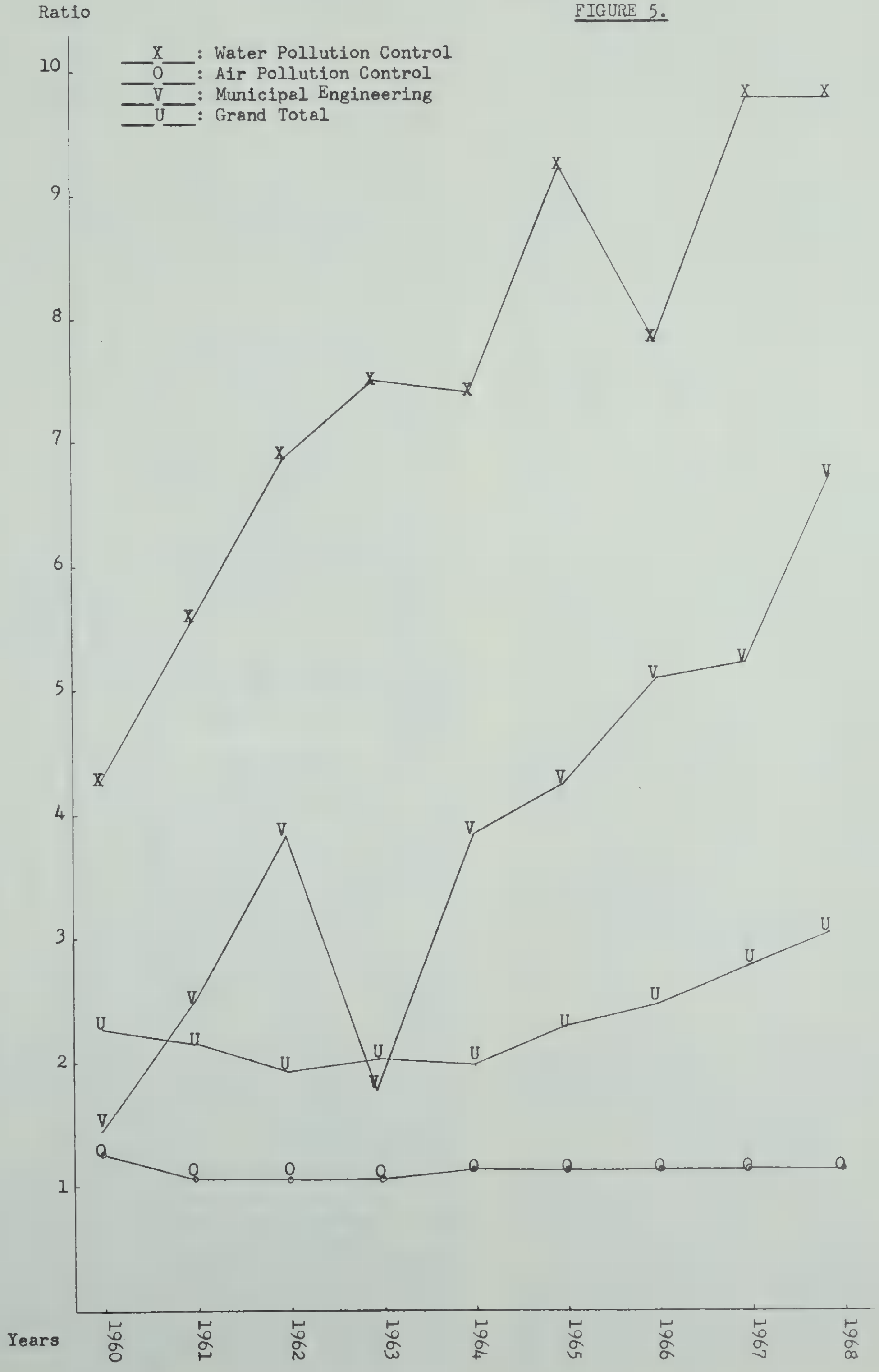


FIGURE 4.

AVERAGE RATIOS: Tests to Samples

FIGURE 5.



C. Laboratory Studies

Besides the completed work outlined under Section "B", the laboratory made strong efforts for

1. improving analytical methods and procedures;
2. introducing new analytical methods and procedures;
3. introducing and making use of new instruments;
4. increasing the accuracy of testing;
5. performing research studies; and
6. improvement in the training of staff.

Following the general trend of air and water pollution, either by literature or by specific pollution cases predictable for Alberta to a certain degree, a considerable part of these endeavors were devoted either for future assignments of a pure and analytical nature,-or to studies which show the effects of specific chemical pollutants to their environment and the counteracting of the environment to them. So far such studies are in a preparatory initial stage.

An additional factor was important in order to keep analytical methods up-to-date. The U.S. Department of Health, Education and Welfare, Public Health Service, Cincinnati, Ohio, provides an "Analytical Reference Service" which has approximately 280 laboratories of U.S. Federal, U.S. State, U.S. municipal agencies; agencies of foreign countries; universities and industries as members, all dealing with analytical water pollution problems. Several times per year water samples containing specific chemical compounds of made up concentrations including interfering compounds are distributed to all participating laboratories to be analyzed. Normally, new or modified methods and procedures are recommended. The collected results and their statistical evaluation indicating the degree of accuracy, critical comments, etc. are summarized in a report which is distributed to the members. A further objective of these surveys is to select methods which can replace older ones or can be added to the analytical reference book "Analytical Methods for the Examination of Water and Waste Water" of which a new edition is published every five years.

Since the laboratory also became a member of this "Analytical Reference Service" a good opportunity for a critical review of some of the applied methods and procedures as well as for a check up of the degree of precision in testing was possible.

D. Training Courses

Two chemists participated in a short course on "Atomic Absorption Spectrometry", and one laboratory technician took a short course on "Gas Chromatography". Both courses were conducted by instrument manufacturing companies.

The 'Head' of the laboratory took part in a short course "Mass Spectrometry" sponsored by the Edmonton section of the Chemical Institute of Canada in co-operation with the University of Alberta.

E. Literature Survey

During 1968, retroactive to 1960, some twenty scientific and technical magazines were intensively scanned for publications which are related to the type of work which the laboratory performs or plans to perform in the future. Based on this search, a card index filing system was set up. Each card refers to a specific publication which can be found by specific keywords.

F. Staff

The total technical staff of the laboratory now consists of four chemists, including the 'Head' of the laboratory, four laboratory technicians and one laboratory assistant.

5. PUBLIC HEALTH INSPECTION SECTION

Mr. L. E. Stewart, Head

In 1968 there were positions for 80 public health inspectors in the Province of Alberta. The continuing shortage of qualified inspectors made such vacancies as occurred during the year difficult to fill. Recruiting of public health inspectors in the United Kingdom did overcome some difficulties which some local health authorities were experiencing. It would seem reasonable to anticipate that problems in filling vacancies for public health inspectors will continue until such time as the new training programs become properly established.

A new position which had been created in the Division of Environmental Health Services during 1967 was filled by Mr. T. M. Houston.

One candidate was examined and was successful in his examinations for the Certificate in Public Health Inspection (Canada) in September 1968. The Division of Environmental Health Services co-operated in the holding of this examination. The gentleman concerned was the last to be trained under the old correspondence course apprenticeship method which has now been discontinued. He is now employed in the position which he was covering as a student.

No Compulsory Pasteurization By-laws were passed during the year. Forty-two such by-laws are in effect in cities, towns and villages in the Province. This is by no means an indication of the consumption of pasteurized milk. Pasteurized milk is generally available in all communities throughout the Province. Only a very small amount of unpasteurized milk is consumed.

Local Boards of Health suspended or refused four restaurants permits during the year. None of the suspensions or refusals were appealed to the Provincial Board of Health. Permits were issued or reinstated as soon as necessary measures for the protection of public health were completed. Comparative figures in recent years are: 5 in 1967, 5 in 1966, 3 in 1965, 8 in 1964 and 5 in 1963.

The Public Health Inspectors employed by the Division of Environmental Health Services were active throughout the year in programs for the protection of public health. A total of 598 inspections were made.

In view of the fact that almost all of the Province now receives public health inspection service through full time local health authorities it has been possible to make changes in the programs being carried out by the Provincial Public Health Inspectors and to give more effect to those which can be considered as having Province-wide implications. A major program in the field of food processing supervision was inaugurated during the year. This was supplemented by programs and surveys related to specific fields in the food processing and distribution industries. In addition the Public Health Inspection Section took part in many continuing activities and some new additional programs.

About 150 plants throughout the Province are engaged in the processing of food items at the manufacturing level. Various agencies have had some supervising responsibilities in respect to some of these plants. It was not clear to what extent, if any, there was an inspection service covering all public health aspects. The Provincial Public Health Inspectors made inspections of most of these plants during the year. The information obtained from these inspections was not sufficiently complete at the year's end to determine fully what inspection service may be desirable. This activity was being continued at the year's end.

Associated with the above program, a more specific program was carried out in connection with the distribution of soft ice cream and soft ice cream mix. This program was carried out with the co-operation of local health authorities throughout the Province and included the obtaining and submission to the Laboratory of a considerable number of samples. Samples were obtained from 250 soft ice cream machines as well as 150 samples of soft ice cream mix at various stages from its manufacture to the counter machine. The work which was done indicates that soft ice cream mix is generally satisfactory at the manufacturing plant, but appears to deteriorate in many instances during transportation and at the retail level.

An investigation of food vending machines installed in schools and industrial premises, etc. was made during the year. These machines are used for vending both perishable and non-perishable products. The survey indicated that 750 machines of various types are in use. It appeared from the survey that in general the machines in use would not be expected to raise public health problems. Problems might result from improper handling, etc. of foodstuffs vended through the machines. The premises where the foods are prepared are supervised by Local Health Authorities and were not included in this investigation.

Towards the end of the year a special survey was carried out in conjunction with the Alberta Liquor Control Board related to the washing of glasses in premises licensed by the Alberta Liquor Control Board. A total of 90 outlets selected at random were visited. Glass washing facilities were checked, solution strengths determined and swabs taken for examination at the Provincial Laboratory. While there must be some reservation in the interpretation of the laboratory reports due to the limited number of samples from each of the premises the survey has appeared to indicate that conditions are generally satisfactory. There was a small percentage of exceptions. The results will be discussed with the Alberta Liquor Control Board to determine what further actions should be taken.

During the summer the Public Health Inspection Section undertook a resurvey of the bacteriological quality of the water at bathing beaches on Lake Wabamun. There were very heavy rains during the period when the survey was carried out resulting in the washing of material from the shores into the lake. The laboratory reports, are, therefore, difficult to interpret but did indicate that bacteriological contamination of the waters is not present in significant amounts.

From time to time throughout the year the Provincial Public Health Inspectors were called on to give assistance to Health Units and to co-operate with the Air Pollution Control Section and the Water Pollution Control Section of the Division. Provincial Public Health Inspectors were members of departmental and interdepartment boards and committees having functions in the field of environmental health. The Chief Public Health Inspector acted as Secretary of the Provincial Board of Health, The Alberta Advisory Committee on Pollution Control and the Solid Wastes Disposal Study Committee. In addition he and other inspectors were members of the Frozen Food Advisory Board, and the Technical Subcommittee on Chemical and Microbiological Quality of Milk, Alberta Dairymen's Association. The Public Health Inspection Section continued to administer the cemetery licensing program of the Department.

6. PLUMBING INSPECTION SECTION

Mr. W. A. Milligan, Head

The Plumbing Inspection Section of the Division of Environmental Health Services during 1968 received the sum of $17,065.65 in the form of plumbing and private sewage disposal system permit fees. The number of permits issued during the year totalled 1,645. The number of plumbing fixtures installed throughout the Province was 219,681. The value of the plumbing installed is estimated to be approximately 60 million dollars.

The number of individual types of fixtures installed was as follows:

Water closets	49,047	Lavatory basins	48,494
Baths	32,105	Sinks	35,821
Laundry tubs	2,251	Special fixtures	22,016

The number of privies eliminated as a result of plumbing being installed was 386.

The addition of a secretary to our Calgary office staff was a progressive step and has made the services provided by our Calgary area inspector more effective and he is now readily available to contractors, engineering firms, manufacturing firms, the public, and others requesting our services.

During the past year our office has accepted the responsibility of providing inspections in 7 more urban municipalities and are now providing this service for 158 such municipalities.

This Section is experiencing some difficulties in providing adequate inspection service for such remote areas as Rainbow Lake and Zama; however, it is felt that many of the problems will be overcome when an all-weather road is constructed into these areas.

During the latter part of the year a noticeable increase was experienced in requests for information regarding the construction of trailer parks. There seems to be considerable interest in the construction of such parks in areas near our major cities as a means of overcoming the reported housing shortage.

In June of 1968, Mr. G. L. Watson, of our staff, attended a 3-day meeting in Toronto, Ontario, with representatives of the Canadian Standards Association and the Canadian Mobile Homes Association for the purpose of establishing standards which will control the quality and design of plumbing systems in mobile homes. A standard of this type will be very helpful to the entire mobile home industry as well as to inspection authorities.

The Provincial Plumbing and Drainage Regulations were completely revised during 1968 and the amendments appear in the Alberta Gazette dated April 15, 1968.

Our staff lectured at a total of 16 schools during the year. Twelve of the classes were for plumbers and were designed to familiarize them with the changes in the regulations. We also lectured at 3 farm classes, as well as to one class of school caretakers.

DIVISION OF INDUSTRIAL HEALTH SERVICES

C. R. May, L.M.S.S.A. (Lond), D.I.H. (Lond), Cert. Rad. P., F.R.S.H., F.R.I.P.H., Director

General

The overall activities of the Division were reduced to a considerable extent by the unfortunate illness of the Director, Dr. H. Siemens and the Health Counsellor/X-ray Technician, Mr. R. Macqueen. Dr. Buchwald, Chief Industrial Health Chemist, acted as Director during Dr. Siemen's absence and for the period following his retirement until November when Dr. C. R. May succeeded as Director.

Mr. K. Schrag was absent on a training course in Pittsburg for most of the year and completed his M.S. (Industrial Hygiene) in August.

Dr. Buchwald gained certification from the American Board of Industrial Hygiene (Comprehensive Practice) in May of this year.

Despite the depleted staff, the Division continued to develop and to extend its activities into industry where many useful relationships and long-term contacts were made. A review of the problems and the difficulties experienced in persuading individual industries to take action in respect of proven health hazards, indicates the urgent need to extend the services further. It is necessary to formulate a policy which clearly defines the duties, responsibilities and relationships with other agencies and which avoids overlap of activity and duplication of services. The role of the Division in respect of preventive medical activities in relation to industry is poorly understood and some education, training and publicity is needed so that the services will be extensively used and fulfil their intended function.

To date, the Division has been exploring the industrial field and determining the extent to which health hazards exist. It must now branch out into the fields of education and training so that industry can be prepared to accept its responsibilities for and its duties in connection with the maintenance of health among its employees. It should then be possible to eliminate anticipated hazards by action at the planning stage rather than attempt to cope with them by near panic activity when the hazard is established and the health of employees has been seriously affected.

There is a need to consider legislation or regulation in respect of X-ray equipment, Lead workers, Coal miners, Laser workers and certain industrial diseases. Minor revision of the regulations covering the Commercial Pesticide Applicator is needed. Certain items in the Noise and Fibrogenic Dust Regulations require detailed study and closer scrutiny to ensure that the requirements are complied with. Dr. Siemens completed his extensive survey report on Grain Elevator Operators and this is shortly to be published.

Industrial Health Services

The services continued to develop and become more diversified. As in previous years the bulk of the work was connected with surveys and investigations initiated by the graduates and technicians. The remainder arose out of requests from other agencies, e.g. Workmen's Compensation Board, Federal Departments, Board of Industrial Relations, etc. and a few direct requests from private industries. It is noticeable that requests from industry are slowly increasing, an encouraging indication that some at least are aware of the value of health in relation to the viability and profitability of their respective organizations.

The Staff continue to devote a great deal of time to lecturing, participation in professional meetings and attendance at meetings where matters related to Occupational Health and Industrial Hygiene are under discussion. Contacts at such meetings have provided information and several interesting problems in which the Division has been able to provide assistance.

While the following gives some indication of the broad groups in which the work is found, there is still a vast number of industries to be visited and surveyed. During 1969 it is hoped to establish the policy that this is a fact finding and advisory division which, although it will assist in providing a solution to problems, has as its primary aim the goal of prevention rather than cure.

Investigations and Meetings

Plant and locations visited for surveys	63
Noise Surveys	27
Visits and situation assessments	60
Technical meetings and discussions with industry	94
Committee meetings	25
Lectures and talks	17
Total	286

Tests carried out on site or in laboratory

Air samples (gases, fumes, vapours etc.)	84
Air samples (gravimetric dust evaluation)	21
Air samples (dust counts)	86
Blood specimens (for Lead, Carboxyhaemoglobin)	123
Urine specimens (for Lead, Mercury, Coproporphyrins)	488
Mercury analyses (dental dust, air, swabs, milk)	214
Lead analyses (dust, air, water, milk etc.)	63
Miscellaneous (solvents, paint stripper, proprietaries etc.)	12
Total	1091

Pesticide – Commercial Applicator Licensing

This requires a detailed investigation into the experience, training and competence of individual applicants. The need for such has increased in recent years by virtue of the fact that the numbers and variety of combinations of pesticides has steadily increased. Many of them present health hazards both to the applicator and the public if applied indiscriminately by the untrained and uninformed. Where experience and training are considered inadequate, the applicant is required to complete a course run by the Department of Extension Studies and may also be required to sit an examination.

Licences Issued:

Aerial Applicators (Class B)	38
Agricultural (Seed Treatment – Class B)	68
Municipal (Class A & B – 47; Class B – 17)	64
Commercial (Class A – 1; Class A & B – 9; Class B – 33)	43
Total	213

(New Licences issued – 32: Renewals 181.)

RADIOLOGICAL PROTECTION

Radioactive Materials There are 116 licensed users within the Province, (Industry – 64; Research – 36; Medicine – 16). 118 field inspections were made in connection with the Atomic Energy Control Regulations.

X-ray Equipment In the absence of provincial legislation relating to X-ray equipment, professional groups were "invited" to request survey of their equipment. This survey was commenced early in 1968 and by reason of the large numbers involved is likely to carry through to 1970. So far 151 units in hospitals, dental and veterinary practices have been inspected on the voluntary basis. The standard set was that of the recommendations of the X-ray Safety Codes issued by the Radiological Protection Division.

Of the 134 diagnostic machines surveyed, only 22 (16%) required no attention. In respect of the remaining 112 machines, 340 recommendations were made. As many of the units are less than 5 years old, there is an obvious requirement for registration of machines, inspection after installation and before use followed by periodic checks.

Other Work

(i) investigations of three accidents involving the dispersal of radioactive material and the loss of a radiographic camera.

(ii) seizure in conjunction with the RCMP of abandoned cameras and source of radioactivity. In this case the operator's licence has been cancelled.

(iii) organization of seminars on the "Safe Transportation of Radioactive Materials", (Edmonton and Calgary).

(iv) investigation of Radon gas in a coal mine.

(v) detailed investigation of a 95R exposure of a hospital technician.

(vi) eighteen lectures to various bodies and agencies on "Radiation Protection".

DIVISION OF ALCOHOLISM

J. P. Matheson, B.A., B.S.W., C.A.S.W., Director

Alcoholism is a complex illness which may require medical, sociological or psychological treatment – and sometimes all three. A variety of professional disciplines such as social work, nursing, psychology, sociology and theology, are represented on the treatment staff of the Division. Physicians and psychiatrists are employed on a part time or consulting basis.

Clinical treatment is designed to meet the needs of each patient and may consist of individual counselling, group therapy, psychological and medical assessment, relaxation skill training, recreation therapy and vocational guidance.

Some patients initiate treatment for themselves by contacting Division out-patient clinics personally, but most people under treatment are referred by a physician, social service agency, clergyman, a member of Alcoholics Anonymous, a relative or friend who understands the illness and its many ramifications.

Treatment centres are operated by the Division in three Alberta communities. Out-patient and day-care facilities are operated in Edmonton and Calgary and a small out-patient clinic is located in the General hospital at Red Deer. Each of these clinical centres has a "Community Services" component to handle field work and education activities for the Division.

Prevention of alcoholism, through education programs and a sustained campaign of public information, must go hand in hand with treatment if this public health problem is to be brought under control. The Community Services branch is responsible for this important aspect of Division activities. One of its major objectives is to encourage and assist those in the helping professions to recognize and understand alcoholism, and to deal with it effectively through referral or direct intervention and treatment.

A variety of training and orientation programs has been developed to achieve this objective. Clinical facilities, both out-patient and in-patient, serve as teaching and training institutions in addition to their function as treatment centres.

Highlight of the year was the phasing into full operation of Henwood, the new in-patient alcoholism rehabilitation centre, which added an extra dimension to an already well-rounded provincial program. Henwood provides accommodation for 64 residents – 50 male and 14 female.

In addition to its usefulness as a treatment centre for alcoholism, Henwood has provided new opportunity for the development of education and training programs for medical and para-medical personnel as well as community alcoholism workers. Most significant, in terms of improved treatment and referral services for rural and smaller urban centres not in close proximity to Division clinics, has been the establishment of a special live-in training program for community workers in health, welfare, law enforcement and corrections, the ministry and other related fields.

The organization of effective community alcoholism programs in several areas has shown excellent progress during 1968 with special activity noted at Lethbridge and the Crowsnest Pass area in Southern Alberta and in Rocky Mountain House, Fort McMurray, Lac La Biche and Athabasca in central and northern areas.

Evening adult education courses, dealing with alcoholism and other dependencies, were offered during the fall term in cooperation with the University of Alberta and Junior Colleges at Red Deer and Grande Prairie. To date more than 200 persons have participated in these and similar courses offered during 1967. A number of other communities and educational institutions have expressed a desire for such courses in 1969.

Case consultation is provided for personnel of helping agencies throughout the province. Workshops, seminars and conferences on alcoholism are held frequently in many communities.

The major contribution of the Division of Alcoholism to public school education during the year was through the provision of literature and audio-visual aids to teachers. Public school teachers in the province borrowed films from the Division on 93 occasions, usually for multiple screenings, and distributed close to 7,000 pieces of literature. High school and university students also made extensive use of Division library facilities in Edmonton and Calgary.

The public information program continued with 331 bookings of Division films and filmstrips, most of them by workers in the health and welfare fields. Four excellent new films were added to the library during the year. More than 62,000 pieces of literature were distributed through social service agencies, schools, physicians, hospitals, law enforcement and other community organizations. Several new pamphlets had been finalized for production early in 1969 while others were being revised and brought up to date for reprinting. Press releases and special feature articles are provided for newspapers, radio and television.

The Division hosted the 1968 Canadian Conference on Alcoholism in Edmonton in June. Delegates from every province and the Northwest Territories were present for the four-day deliberations.

An important accomplishment during 1968 was the establishment of a closer liaison between the Division of Alcoholism and the Federal Department of Indian Affairs. Following a two-day conference with administrative staff of Indian Affairs, training seminars on alcoholism were held for supervisory personnel of the department as well as Indian chiefs, band managers and councillors. A number of Indian community health workers also completed the Henwood training course and others have registered for attendance early in 1969. It is hoped that this active communication with representatives of Indian people from all parts of the province will have an impact on the native alcoholism problem in the near future.

Industrial programming moved ahead with several Alberta firms establishing new company alcoholism policies. Assistance was provided for those already involved in industrial programs, particularly the Alberta civil service program in which an excellent training course for supervisory staff was developed with the assistance of the Division, by personnel of the Training and Management Division of the Public Service Commissioner's office.

RED DEER CENTRE

New quarters for the Red Deer Alcoholism Clinic at the General Hospital have added considerable depth and efficiency to the Red Deer operation with a day room, counselling offices and reception area.

Training courses for R.C.M.P. cadets at Penhold have continued during the year and a highly successful evening course on alcoholism and other dependencies was co-ordinated by the Red Deer staff.

Frequent contact with staff of the alcoholism program at Alberta Hospital, Ponoka, was maintained and follow-up activities with patients being discharged from the hospital were continued.

While the majority of patients seen at the Red Deer clinic continue to be out-patients, quite a number are seen first as in-patients at Red Deer hospitals. Hospital admission statistics for 1968 appear to suggest that an increasing number of physicians are prepared to diagnose and treat alcoholism.

An on-going group program has been held one night a week and additional groups will be started as the need arises. Some cautious steps were taken during 1968 to establish a day program in the new premises but most patients are employed and living at home.

No formal court referral procedure has been established in Red Deer but magistrates have made some informal referrals to the clinic.

CALGARY CENTRE

Demand for treatment services continued at a high level during 1968 with good participation in day centre activities. Treatment staff was involved in training programs for nursing and medical students as well as participating in a number of seminars in outlying communities in co-operation with Community Services.

A complete change of staff in the Community Services department over a period of several months during the year handicapped some activities.

During the latter part of 1968 the student nurse training program was revamped with a favorable feedback from instructors at the General and Foothills hospital nursing schools. The same program is also being provided for the Mount Royal School of Nursing. An in-service training program was also established for graduate staff at the two active treatment hospitals.

The intern program with the College of Family Practice was continued with interns spending two mornings at the treatment centre to broaden their knowledge of alcoholism during their two weeks orientation period in psychiatric services at the General Hospital.

Development of community alcoholism programs has progressed well during the latter part of 1968. At Lethbridge a group of interested professional people from the fields of social work, nursing, probation and welfare are sponsoring regular weekly group therapy sessions for alcoholics and others interested in the alcoholism problem. The director of Lethbridge Family Service is conducting the sessions.

In the Pincher Creek-Blairmore area seminars have been held for community workers and physicians and a special seminar for industrial representatives is planned for early 1969.

These programs are approaching the same problem from different angles and their success is due in no small measure to the co-operative effort of treatment and community services staff.

Community Services consultants are working with separate school, vocational and high school guidance teachers in assisting a course on alcoholism prepared by the teachers for presentation to students.

EDMONTON CENTRE

In an effort to provide better service, Edmonton treatment centre now is open to the public from 8:30 a.m. until 9:00 p.m., Monday through Friday. Pressure of an increased case load made it necessary to expand into a building next door early in the summer. Unfortunately this building was destroyed by fire in December. The space problem is being solved temporarily by use of offices in the administration building for two counsellors and the day centre activities.

Development of community programming and training of community workers has been the main focus of Edmonton Community Services staff. Community programs at Fort McMurray, Lac La Biche, Athabasca and Vermilion are making excellent headway with guidance and assistance from Division staff.

The training program at Henwood has been eminently successful from its inception in September, 1968. Advance registrations have completely booked accommodation in this course until the end of May, 1969. Thirty-six people from all sections of the province had completed the course by the end of 1968 and returned to their communities as resource persons for community activity as well as follow-up referrals from Division clinics.

Two pilot programs involved Community Services personnel during the year. A large composite high school in Edmonton was the location for a special survey of student behavior and attitudes with respect to alcohol and drugs.

Several advances were made during the year in the development of training and orientation programs for medical and nursing students, certified nursing aides and hospital orderlies.

HENWOOD REHABILITATION CENTRE

The Division of Alcoholism also operates Henwood, a 64-bed rehabilitation unit northeast of Edmonton, which opened in 1968. Henwood provides an intensive treatment program of one to three months duration for those whose alcoholism does not yield to the out-patient treatment program or who, for some other reason, require a more isolated and intensive program. Admission to Henwood is voluntary and all patients are expected to complete a minimal 30-day treatment program.

Henwood operates on a group oriented program plus personal counselling for individual patients. At the end of the year an average of 40 patients were receiving treatment. A professional staff of 17 (two part time) handles the treatment program including group leadership and counselling duties.

In co-operation with Community Services staff of the Division an on-going bi-weekly training program for community alcoholism workers is operated at Henwood. Trainees live-in at the centre and participate in group sessions with treatment staff and patients in conjunction with their own educational and orientation sessions.

COURT AND CORRECTIONAL SERVICES

This branch of the Division of Alcoholism was established in 1968 to continue and expand the work of a pilot court project set up in 1967 by the Attorney-General. An alcoholism counsellor from the Division staff is assigned as a consultant to magistrate's court and provides pre-sentence reports in cases of intoxication or illegal possession of liquor.

As of July 1, 1968, Court and Corrections has been responsible for pre-release counselling and follow-up services in the rehabilitation program at Belmont, a minimum security jail for male prisoners, and for the operation of Halfway House. Plans are being developed for extending Court and Correctional Services to other provincial penal institutions.

RESEARCH SERVICES

During the past year, Research services has extended the scope and application of both its applied and basic research programs. In addition to providing continuing support and evaluation for on-going programs within the Division of Alcoholism's other service components, Research Services has made excellent progress in instituting several new research projects and activities.

The Edmonton Court Referral Program has seen continuous research involvement since the former's inception in February of 1967. Research staff has developed measuring instruments that are being utilized effectively by Community Services in assessing the Henwood Training Program, and in other education and training contexts. A statistical study of prevalence of alcoholism in Alberta has been completed. The experimental studies in "Perception and Alcoholism" are being compiled for distribution in monograph form through the cooperation of Dr. T. M. Nelson of the Department of Psychology, University of Alberta. Dr. J. A. L. Gilbert's research on "The Relationship Between Obesity and the Rate of Metabolism of Alcohol" is slated for publication.

Dr. Brendan Rule of the university's psychology department has embarked on a research project concerning "Decision Making Among Alcoholics". A comprehensive, partially annotated bibliography on "The Drinking Driver" is nearing completion. The Kardex record-keeping system is being phased into all of the Division of Alcoholism's treatment facilities, in addition to Belmont Rehabilitation Centre and the Calgary Gaol. Treatment statistics and patient file folder statistics are currently undergoing revision. Follow-up and evaluational measures designed to assess patient improvement and counsellor effectiveness are being incorporated into the existing treatment program.

Following are comparative statistics on case loads, counselling interviews, medical treatment, and group therapy activities at the Division of Alcoholism's three outpatient clinics, Henwood Inpatient Centre, and Belmont Institute.

Patients - 1968	New Patients			Returned Patients			Both Categories		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
All Outpatient Clinics	777	107	884	478	63	541	1,255	170	1,425
Edmonton	544	68	612	329	42	371	873	110	983
Calgary	192	30	222	114	16	130	306	46	352
Red Deer	41	9	50	35	5	40	76	14	90

Relatives & Others - 1968	New			Returned			Both Categories		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
All Outpatient Clinics	79	348	427	11	114	125	90	462	552
Edmonton	31	99	130	2	43	45	33	142	175
Calgary	39	202	241	8	50	58	47	252	299
Red Deer	9	47	56	1	21	22	10	68	78

Counselling Interviews - 1968	Individual			Joint			Family		
	Patients	Relatives & Others	Total	Patients	Relatives & Others	Total	Patients	Relatives & Others	Total
All Outpatient Clinics	7,719	1,479	9,198	73	16	89	313	4	317
Edmonton	4,372	761	5,133	18	-	18	163	1	164
Calgary	2,792	466	3,258	10	13	23	146	-	146
Red Deer	555	252	807	45	3	48	4	3	7

Medical Treatment 1968	Doctor/Patient	Nurse/Patient	Total
Edmonton & Calgary Clinics	521	6,149	6,670
Edmonton	304	4,188	4,492
Calgary	217	1,961	2,178

Group Therapy - 1968	Individual Participants			Sessions
	Patients	Relatives & Others	Total	Total Number
All Outpatient Clinics	2,142	728	2,870	972
Edmonton	1,695	422	2,117	755
Calgary	390	272	662	193
Red Deer	57	34	91	24

Belmont Institute - May 1 to December 31, 1968	Male Patients	Individual Counselling	Group Therapy	
	Total	Interviews	Participants	Sessions
	161	719	553	328

Henwood Inpatient Centre - May 1 to December 31, 1968

Caseload	Male	Female	Total
Patients	143	27	170
Relatives & Others	7	21	28

Counselling Interviews	Individual			Joint			Family		
	Patients	Relatives & Others	Total	Patients	Relatives & Others	Total	Patients	Relatives & Others	Total
	1,657	53	1,710	6	-	6	27	-	27

Medical Treatment	Doctor/Patient	Nurse/Patient	Total
	380	502	882

Group Therapy	Individual Participants			Sessions
	Patients	Relatives & Others	Total	Total Number
	406	22	428	1,187

DIVISION OF ARTHRITIS SERVICES

R. K. Thomson, B.Sc., M.D., F.R.C.P. (C), F.A.C.P., Director

The Division of Arthritis continues to accept patients under the age of 25 years, who are suffering from or suspected to be suffering from Rheumatoid Arthritis, upon referral by the patient's personal physician. Clinics are maintained at 511 Medical Arts Building, Edmonton, and at 2104 - 2nd Street, S.W., Calgary, for the purpose of investigation, diagnosis and recommendations regarding treatment. The patient is returned as quickly as possible to his physician with a detailed report covering the clinic visit. Hospitalization, medical care, corrective surgery, laboratory and x-ray examinations, physiotherapy and appliances, and the drugs used in the treatment of Rheumatoid Arthritis, are all provided without charge to the patient.

The increase in the number of patients returning for repeat examinations and consultation, as noted in the last annual report, has continued. This increase is due to two things: First, the continuance of an aggressive follow-up on the part of the clinic concerning patients who have been seen previously. And secondly, and most importantly, an improvement in the physical surroundings and environment of the clinic itself. As in former years, the number of new cases has not materially increased, but there does appear to be an increased interest on the part of families and patients for continued follow-up at the clinic.

The greatest value of the clinics has been in the education of patients through consultation with their doctors regarding the best method of treating and living with Rheumatoid Arthritis. It is recognized that, where an early diagnosis can be made, some of the deformities of this disease may be prevented or limited. And it is equally true that when some of the financial burden, such as might be caused by expensive drugs, is lifted, earlier help may be sought by the patient.

STATISTICAL COMPILATION – 1968

	Edmonton	Calgary	Total
ACTIVE CASES:			
Admissions	17	9	26
Readmissions after 5-year remission	15	1	16
Repeat examinations made	443*	3	446
Rheumatoid Arthritis cases – NEW	12	8	20
Total Rheumatoid Arthritis cases under treatment	146	52	198
*In addition to this figure, another 38 cases, although not seen in 1968, have corresponded with the clinic.			
INACTIVE CASES:			
Rheumatoid Arthritis cases formerly under treatment in the clinics, now ineligible (over 25 years of age)	273	128	401*
Cases referred as suspect Rheumatoid Arthritis, diagnosed as Rheumatic Fever (still under 25 years of age)	8	7	15
Cases referred as suspect Rheumatoid Arthritis, diagnosed as "other" illness (still under 25 years of age)	19	11	30
*Although ineligible, many of these still look to the clinic for supportive interest and advice.			
TREATMENTS – January 1st to December 31st, 1968			
Hospital days	1125	486	1611
Clinic and office visits	458	24	482
Physiotherapy treatments	372	15	387
Other: – including surgical, injections and special procedures	169	43	212
TOTAL TREATMENTS	2124	568	2692

ALBERTA HEALTH PLAN DIVISION

J. A. D. Paul, M.D., C.M., Director

By authority of The Alberta Health Plan Act assented to April 11th, 1967, the Alberta Health Plan commenced July 1st, 1967.

Section 3 of the Act indicated that:

"The purposes of the Alberta Health Plan are to afford to all residents of Alberta, regardless of income level, the opportunity to obtain for themselves and their dependants basic health services and optional health services under a voluntary plan to provide prepaid or insurance coverage for those services and to provide financial assistance to residents in low income groups, where required and requested, by way of subsidies paid by public moneys of the Province."

Basic Health Services were defined as:

(i) medical services provided by a physician,
(ii) oral surgery provided by a dental surgeon,
(iii) services provided by an optometrist in respect of the refraction of the eyes for the fitting of glasses,
(iv) services and appliances provided by a podiatrist, and
(v) services provided by an osteopathic practitioner, subject to the limitations and exclusions prescribed in the regulations. This established a minimum level of health insurance coverage to be offered by the Government agency and approved carriers throughout the Province.

Optional Health Services offered under a standard contract by the Alberta Health Plan and which could be purchased only as an addition to Basic Health Services, were divided into three categories:

A. Hospital & Ambulance Services
B. Drugs & Prosthetic Appliances
C. Chiropractic & Naturopathy

Subsidies were available at the following taxable income levels:

Subsidy Level 1

No taxable income –
Applicable to Single or Family Contract.

Subsidy Level 2

Taxable income not exceeding $ 500.00 –
Applicable to Single Contract only.
Taxable income not exceeding $1000.00 –
Applicable to Family Contract only.

Social Service Recipients as authorized by the Department of Public Welfare were provided with coverage for Basic Health Services and certain Optional Health Services free of charge.

Persons who did not qualify for subsidy were required to pay the regular subscription rates.

FIRST PLAN YEAR JULY 1ST, 1967 TO JUNE 30TH, 1968

During the period of the first Plan Year, revenue for premiums both from subscribers and from General Revenue for subsidies totalled $22,386,901.67. This amount was obtained as follows:

Basic Health Services	$16,149,770.33
Option A	$ 3,025,405.70
Option B	$ 2,469,321.51
Option C	$ 724,404.13

The amount paid to December 31st, 1968, for claims for services incurred during the period covered by the first Plan Year totalled $28,757,219.82. This was divided as follows:

Basic Health Services	$18,134,914.23
Option A	$ 4,943,583.54
Option B	$ 5,057,974.85
Option C	$ 620,747.20

The average number of contracts and lives covered during the period of the first Plan Year for Basic Health Services and Optional Health Services were:

	CONTRACTS	LIVES
Basic Health Services	153,706	376,998
Option A	139,633	329,131
Option B	113,000	271,161
Option C	30,539	85,881

Administrative & General Expenses for the first Plan Year were $2,363,614.20.

The experience of the first Plan Year indicated the need for the upward revision of premium rates. The average increase applied to the rates for the Basic Health Services for the second Plan Year was 26.06%. For Options A and B the premium rates were increased by 100%, however, the rates for Option C remained as for the first Plan Year.

The subsidy amount payable on behalf of eligible subscribers under Basic Health Services was adjusted so that such subscribers did not experience any increase in premiums payable by them.

Subsidy for Option A was discontinued and the subsidy available for Options B and C was reduced to 50% for persons eligible for either Subsidy Level 1 or 2.

SECOND PLAN YEAR JULY 1ST, 1968 TO JUNE 30TH, 1969

During the first six months of the second Plan Year to December 31st, 1968, revenue for premiums both from subscribers and from General Revenue for subsidies amounted to $15,582,485.52. This amount was obtained as follows:

Basic Health Services	$10,234,246.52
Option A	$ 2,644,414.00
Option B	$ 2,415,854.00
Option C	$ 287,971.00

The amount paid at December 31st, 1968, for claims for services incurred during the second Plan Year totalled $10,207,032.72. This was divided as follows:

Basic Health Services	$5,953,747.74
Option A	$1,860,111.92
Option B	$2,173,962.61
Option C	$ 219,210.45

The average number of contracts and lives covered over the first six months of the second Plan Year were:

	CONTRACTS	LIVES
Basic Health Services	156,312	376,624
Option A	129,180	278,855
Option B	112,755	263,336
Option C	24,368	65,764

DIVISION OF TUBERCULOSIS CONTROL

H. H. Stephens, M.D., Director

There were 542 new cases of tuberculosis discovered in Alberta during 1968 and of these, 287 were active. This represents a decrease compared to 1967 when an increase was noted as shown in the following tables: –

	1964	1965	1966	1967	1968
Total newly discovered cases	763	713	665	745	542
Of the above: Active	317	347	310	336	287
Inactive	446	366	355	409	255

The active cases are comprised of: –

	1964	1965	1966	1967	1968
1. Registered Indians	45	66	47	75	52
2. Metis	68	56	70	30	46
3. Others	204	225	193	231	189

PER 100,000 POPULATION

	1965	1966	1967	1968
New active case rate:				
Alberta	24.6	20.7	22.4	19.2
Registered Indians	287	188	256	200
Metis	224	280	120	177

The two major cities, Edmonton and Calgary, where at least half of the population of the province reside, have an active case rate of 18.1 and 12.9 respectively. Among the other twenty-five Health Unit areas, seven are above the provincial average of 19.2, and are in areas where high risk groups reside, or they have had small epidemics of tuberculosis during the year. These areas are noted later in this report. Medical Officers of Health and their Nursing Staff have carried out an energetic search for source cases. They have assisted with family physicians in establishing chemoprophylaxis using INH in those recently exposed to infectious cases, and who are tuberculin reactors. The number on chemoprophylaxis totals 104 in 1968. We have as yet to assess the effectiveness of this program.

All new active cases of tuberculosis among Registered Indians in the province have been admitted to provincial Sanatoria since February, 1967. In September, 1968 the follow-up of ex-sanatorium patients, contacts, and suspects from previous surveys have been referred to our out-patient clinics and incorporated into the Central Tuberculosis Registry. It is hoped that in co-ordinating screening programs with Federal Medical Services that follow-up work among high risk groups in known high prevalence areas, may receive some additional attention to hasten control of tuberculosis in these areas.

Construction

There was no new construction at either provincial Sanatoria in 1968, but some renovations were made at the Baker Memorial Sanatorium in Calgary, and the bed complement for tuberculosis patients was reduced from 105 to 84. The beds converted to use by the Division of Mental Health was increased from 120 to 145.

The bed complement at the Aberhart Memorial Sanatorium is unchanged from 1967 at 267 beds.

Diagnostic Services

These have not changed from 1967. The family doctor referred 44% of the new active cases either to our clinics or for direct admission to sanatorium.

Medical Officers of Health and their Nursing Staff have continued their splendid support in our follow-up program of an ever increasing number of out-patients on treatment, as well as all previous ex-sanatorium patients, contacts, and suspects from surveys who have been advised to have periodic review. In addition to the above, screening for tuberculosis among school children, school personnel, food handlers, and some special groups by use of the tuberculin test shows over 104,000 being tested in the province. In my opinion our method of reporting the source that refers cases to us, does not give full credit to Health Unit personnel for their efforts. However, 9 new cases were reported, of which 3 were active.

The Indian Medical Services x-rayed 15,828 persons with 62 new cases discovered of which 53 were active.

The Aberhart Memorial Sanatorium out-patient clinic carried out 7,845 examinations, while at the Baker Memorial Sanatorium, there were 2,539. There are 18 other locations in the province where stationary clinics are held twice yearly or more. In all clinics about 60% of all new cases are examined, and of these, 40% were active.

Mass X-ray Survey Units, purchased by the Alberta Tuberculosis and Respiratory Disease Association, and operated by the Division, continue screening by this method. These are directed particularly to high incidence groups, and in areas of higher prevalence of tuberculosis. There is a tendency for fewer people to attend these Units, and the number x-rayed in 1968 was about 62,000.

Miniature chest x-ray units are used for all admissions to gaols by the Attorney General's Department, and x-rays are interpreted by Sanatoria staff. The Alberta Tuberculosis and Respiratory Disease Association continues to operate similar x-ray equipment in City Halls of larger cities, and in some selected high prevalence areas in northern Alberta. They also assist the Division staff and provide transportation and subsistence for Portable X-ray No. 6, a Unit that may be taken by car, rail or plane to isolated areas for survey work in northern sections of the province. The total number of persons x-rayed by Mass X-ray Surveys was 96,066. There were 29 cases of active tuberculosis, and 33 cases of suspect pulmonary cancer, while 1,280 presumed inactive cases of tuberculosis were noted. Of these, 1,161 were previously known cases, and 121 were new.

All clinics and surveys gave service to 283,552 persons in 1968.

Treatment Services

The number of patients treated in 1968 in the two provincial Sanatoria was 722 compared to 808 in 1967, including Registered Indians.

Aberhart Memorial Sanatorium, Edmonton

There are at present 267 beds set up for treatment of all types of active tuberculosis.

During 1968 there were 372 patients admitted with 164 in Hospital on January 1st, 1968, making a total of 536 treated. There were 414 patients discharged and 11 deaths. The number of patient days was 68,716 compared with 63,119 in 1967. The average stay in Hospital was 161.7 days or 5.4 months.

The X-ray Department reports in-patient x-rays numbered 2,097, and out-patient 9,845.

The Laboratory Department carried out 28,814 procedures.

The Sanatorium out-patient clinic had 7,845 persons attend in 1968, and 755 streptomycin injections were given.

Baker Memorial Sanatorium, Calgary

There are at present 84 beds set up for treatment of tuberculosis, and 145 beds in converted buildings for the care of mentally defective children under the Division of Mental Health.

There were 137 patients admitted for tuberculosis in 1968 with 50 patients under treatment January 1st, 1968, making a total of 187 patients treated. The number of patient days was 16,282 compared to 22,005 in 1967. The average stay in Hospital was 144.2 days or 4.8 months. There were 129 patients discharged and 8 deaths.

The X-ray Department reports in-patient x-rays numbered 1,162 and out-patients 3,042.

The Laboratory carried out 15,937 procedures.

The Sanatorium out-patient clinic had 2,542 persons attend, and 279 streptomycin injections were given.

Prevention

B.C.G. vaccination is given only to those considered to have greater than average exposure to tuberculosis, hence, this is on a selected basis. In 1968 there were 1,911 persons vaccinated.

Chemoprophylaxis has been used chiefly for recent converters who have a large reaction to tuberculin, also reactors with negative chest x-rays, who are known to have had exposure for some weeks with an infectious case of tuberculosis. In 1968, 104 persons were given chemoprophylaxis with INH.

Education and Rehabilitation

The patients in Sanatoria have academic training continued by qualified teachers for grades I to IX, and higher grades are enrolled in Correspondence School Branch subjects as indicated. The latter are supervised by a teacher employed by the Alberta Tuberculosis and Respiratory Disease Association.

A part-time teacher is employed at the Baker Memorial Sanatorium.

Rehabilitation studies and projects have been continued by rehabilitation officers at both Sanatoria. They are employed by the Alberta Tuberculosis and Respiratory Disease Association. Their service has greatly assisted staff and patients over many years.

The Physiotherapy Department continues to give efficient service to surgical and other patients, both during active and convalescent periods of treatment.

Occupational therapy augments all other therapy programs, surgical and medical, and is co-ordinated with many of the academic programs for patients throughout the year in our Sanatoria.

Nursing and Medical Program

The fourth year Medical Students at the University of Alberta have a two hour clinical session provided at the Aberhart Memorial Sanatorium once each week during the academic year. Each group of 8 to 10 students attend for 4 weeks.

A two week nursing affiliation program is provided at the Aberhart Memorial Sanatorium once every four weeks, with the University Hospital Training School, Edmonton.

A special three day orientation and refresher course in tuberculosis for Public Health Nurses was continued in 1968 by popular request. The increase in out-patient therapy and follow-up work in tuberculosis has created a need for better understanding concerning in and out-patient therapy. The Alberta Tuberculosis and Respiratory Disease Association has assisted nurses financially to attend these courses, which is greatly appreciated.

Acknowledgements

I wish to thank the Minister, the Honorable Dr. J. Donovan Ross, and the Deputy Minister, Dr. P. B. Rose for their assistance and support concerning the work of this Division.

The Alberta Tuberculosis and Respiratory Disease Association Directors, the General Secretary, the Directors of Mobile X-ray Surveys, the nursing staff, clerical staff, City Hall X-ray staff, and the Sanatoria rehabilitation and teaching staff, all have contributed to the work of this Division in many diversified ways, so that when combined this cannot be adequately recorded. Their assistance has been greatly appreciated, as in previous years, since the Association was formed in 1939, and I wish to express our gratitude.

I wish to acknowledge the cooperation and advice given by the Regional Director, the Area Directors of Northern and Southern Alberta and their staff, as well as personnel at the Charles Camsell Hospital who have assisted in having this Division incorporate the follow-up tuberculosis program of Registered Indians onto our Central Tuberculosis Registry and through our Clinics.

To those organizations, church groups, service clubs, volunteer workers, and individuals throughout the province who have given freely of their time to assist patients or have helped in other activities carried out by this Division, I wish to express our thanks.

The clergy have, during the year, given attention to the spiritual needs of patients in our Sanatoria, and patients and staff are very appreciative of this service.

Those persons at the Data Centre who work with our Central Tuberculosis Registry have again been most cooperative and helpful, and we are grateful for their assistance.

To Dr. Ryder, Medical Superintendent, Baker Memorial Sanatorium and his staff, as well as the Department Heads, and all personnel at the Aberhart Memorial Sanatorium, I wish to thank all who have assisted in the various phases of work in our Sanatoria and clinics.

A statistical summary follows, outlining in more detail, the work carried out by the Division.

DIAGNOSTIC CLINICS

1. Stationary Clinics	No. Regular Sessions	New Cases of Tub. Pul. Act.	Pul. Inact.	Non-Pul. Act.	Non-Pul. Inact.	Number of Examinations New	Rev.	Total
Aberhart Memorial Sanatorium	151	26	63	10	4	2,739	5,106	7,845
Baker Memorial Sanatorium	96	12	46	5	3	574	1,965	2,539
Athabasca	2	-	-	-	-	-	48	48
Bonnyville	2	-	-	-	-	1	41	42
Camrose	2	-	-	-	-	-	47	47
Drumheller	2	-	-	-	-	1	31	32
Grande Prairie	2	-	-	-	-	-	33	33
High Prairie	2	-	-	-	-	4	29	33
Lac La Biche	2	-	-	-	-	1	54	55
Lethbridge	4	-	-	-	-	-	71	71
Medicine Hat	2	-	-	-	-	-	25	25
Peace River	2	-	-	-	-	1	28	29
Red Deer	1	-	-	-	-	2	7	9
Slave Lake	1	-	-	-	-	2	11	13
Smoky Lake	2	-	-	-	-	-	28	28
St. Paul	2	-	-	-	-	1	41	42
Vegreville	2	-	-	-	-	-	39	39
TOTAL	277	38	109	15	7	3,326	7,604	10,930
* Miscellaneous Clinics	-	54	98	1	1	4,404	7,638	12,042
GRAND TOTAL	277	92	207	16	8	7,730	15,242	22,972

2. Number of Injections, Out-patients

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
Streptomycin	279	755	1,034

*Films sent in from various points and authorized by the Tuberculosis Division.

SCHOOL TUBERCULIN TESTING SURVEY

Health Unit, City or Municipal Nursing District	No. Tested School	No. Tested Staff	No. Tested Contacts	No. Reactors School	No. Reactors Staff	No. Reactors Contacts	Total Reactors	Number X-rayed	New Cases Tub. Act.	New Cases Tub. Inact.
Alberta East Central H.U.	4,565	656	8	90	65	3	158	136	-	-
Athabasca H.U.	1,669	178	59	235 (216)	19 (6)	8 (3)	262	94	-	-
Banff National Park H.U.	179	24	2	1	4	2	7	14	-	-
Barons Eureka H.U.	1,231	449	8	3	17	5 (5)	25 (5)	23	-	-
Big Country H.U.	1,083	242	5	4	5	-	9	33	-	-
City of Calgary	14,756	3,217	424	167 (39)	217	71	455	1,957	-	-
Chief Mountain H.U.	2,421	20	-	59	-	-	59+	-	-	-
Chinook H.U.	1,993	12	17	18	1	5	24	24	-	-
Drumheller H.U.	2,088	355	-	41	20	-	61	57	-	-
City of Edmonton	23,753	2,285	15,055	907	216	567	1,690	1,690	1	2
Edson H.U.	1,188	180	42	16	18	11	45	65	-	-
Foothills H.U.	1,560	344	51	17	29	5	51	50	-	-
Fort Assiniboine District Nurse	172	7	13	6	1	-	7	17	-	-
Fort McMurray District Nurse	829	-	-	73	-	-	73	35	-	-
Grande Prairie H.U.	4,195	566	-	49	41	-	90	154	-	-
Jasper National Park H.U.	192	24	3	3	1	-	4	4	-	-
Leduc-Strathcona H.U.	4,800	448	66	38	27	4	69	126	-	1
Lethbridge H.U.	2,417	426	25	14	10	2	26	26	-	-
LaCrete District Nurse	111	26	-	-	7	-	7	3	-	-
Medicine Hat H.U.	3,110	868	111	33	41	24	98	246	-	-
Minburn-Vermilion H.U.	2,278	479	190	27	22	11	60	61	-	-
Mount View H.U.	2,459	363	178	45	23	39	107	107	-	1
North Eastern Alberta H.U.	3,893	273	72	218 (129)	65 (22)	5	288 (151)	253	-	1
Peace River H.U.	2,890	236	119	87	43	16	146	107	-	-
Red Deer H.U.	5,166	566	156	51	28	32	111	225	-	-
Stony Plain-Lac Ste. Anne H.U.	2,762 (16)	235	71	17 (9)	10	3	30 (9)	14	-	-
Sturgeon H.U.	3,999	1,247	108	53	67	9	129	151	-	1
Vegreville H.U.	1,974	264	74	113	31	29	173	37	1	-
County of Warner H.U.	1,574	95	15	2	1	-	3	3	-	-
Wetoka H.U.	4,299	414	79	13 (3)	8	8	29 (3)	33	1	-
Wabasca District Nurse	477	74	30	90	28	12	130	665	-	-
TOTAL	104,083 (16)	14,573	16,981	2,490 (396)	1,065 (28)	871 (8)	4,426 (168)	6,410	3	6

Figure in brackets indicates number of reactors previously given B.C.G.

3.

MASS X-RAY SURVEYS

	Number X-rayed
Surveys at 79 points in 6 Health Units, 2 Municipal Nursing Districts, Calgary and Edmonton	61,106
City Hall, Calgary	13,278
City Hall, Edmonton	12,664
City Hall, Lethbridge	1,036
Health Unit Office, Medicine Hat	661
Health Unit Office, Red Deer	569
Municipal Hospital, Athabasca	163
Correctional Institutions: Calgary	2,956
Fort Saskatchewan	3,206
Lethbridge	93
X-ray Unit No. 6, North	106
Northern Alberta Institute of Technology: Edmonton	93
Portable X-ray (Private)	103
Laboratory X-ray School	32
GRAND TOTAL	96,066

SUMMARY MASS X-RAY SURVEYS

Number X-rayed	96,066	
Probable Tuberculosis, Active	14	(6)
Probable Tuberculosis, Inactive	1,240	(1161)
Pleurisy, Active	1	(1)
Pleurisy, Inactive	430	(270)
Further Examination Requested	603	
Non-Tuberculous Chest Conditions:		
(a) Suspect new growth	23	
(b) Other	543	
Undiagnosed (includes spoiled films)	1,530	
No Disease	91,682	

Of the *484 persons requested to have further examination, 352 are known to have been checked and diagnosed as follows:

Tuberculosis, Active or Probably Active	15
Tuberculosis, Inactive	42
Pleurisy, Active	1
Pleurisy, Inactive	7
Further Examination Requested	45
Non-Tuberculous Disease	65
Suspect Carcinoma	10
No Disease	167
TOTAL	352

The other 132 have either moved from Alberta, cannot be located or are still on the Follow-up Lists.

*The other 119 cases requiring further examination were x-rayed at the Correctional Institutes and as the majority of these are transient and therefore most difficult to locate, they are not included in this table.

4.

SUMMARY CLINICS AND SURVEYS

	Number Checked
Stationary Clinics	10,930
Miscellaneous Clinics	12,042
Mass Surveys	96,066
Other Surveys (Tuberculin Testing Only)	136,709
Department National Health and Welfare (Registered Indians, Whites and Metis)	15,828
*Hospital Admission Program	4,835
Mental Hospital	7,142
TOTAL	283,552

*Includes only those x-rays sent to the Sanatoria for interpretation.

5. SOURCE OF DISCOVERY OF NEW CASES OF TUBERCULOSIS

	1967			1968			
	Total	**%**	**Active**	**Total**	**%**	**Active**	**% Active**
Clinics	449	60.3	127	323	59.6	108	38.2
Referred for admission							
(a) Family Doctors	105	14.1	98	96	17.7	88	30.6
(b) District Nurses	1	.1	1	3	.6	3	1.0
(c) Contact Reactors	3	.4	3	6	1.1	6	2.0
Referred by Department of National Health & Welfare							
(a) D.V.A. or National Defence	3	.4	-	1	.2	-	-
(b) Other (including Registered Indians)	82	11.0	69	50	9.2	47	16.2
Provincial and Hospital Laboratories	9	1.2	9	7	1.3	7	2.4
Hospital Admission Program	9	1.2	1	8	1.5	2	.8
Mental Hospitals	35	4.7	9	13	2.4	5	1.6
Information from Private Physicians	24	3.2	8	15	2.7	6	2.0
Miscellaneous	25	3.4	11	20	3.7	15	5.2
TOTAL	745		336	542		287	

The following table sets forth the sources of discovery giving credit to the programs which actually instigated the investigation for tuberculosis. For instance, cases x-rayed on Mass Survey, whose films show probable tuberculosis, are referred to the Tuberculosis Clinic or for admission to confirm the diagnosis. "Clinic" is not listed as a source in this table and the 323 cases credited to that source in the preceding table are distributed among the various sources listed below.

	1967			1968			
	Total	**%**	**Active**	**Total**	**%**	**Active**	**% Active**
Family Doctors	221	29.7	140	170	31.4	128	44.6
Mobile Units	83	11.1	15	64	11.7	15	5.2
Contacts	52	7.0	45	38	7.2	33	11.5
Department of National Health & Welfare							
(a) D.V.A. or National Defence	4	.5	-	7	1.3	1	.4
(b) Indian Health Services	85	11.4	70	62	11.3	53	18.5
(c) Immigrants	82	11.0	5	62	11.3	4	1.5
Previously Diagnosed other Provinces or Countries	75	10.1	11	32	5.9	7	2.4
Hospital Admission Program	13	1.7	1	7	1.3	2	.8
School Surveys	14	1.9	5	9	1.7	3	1.0
City Hall X-ray Units	23	3.1	8	21	3.9	7	2.4
Food Handlers	4	.5	1	2	.4	-	-
Correctional Institutions	8	1.1	4	9	1.7	4	1.5
Provincial and Hospital Laboratories	9	1.2	9	8	1.5	8	2.7
Mental Hospitals	36	4.8	10	24	4.4	8	2.7
Miscellaneous Surveys	1	.1	-	1	.2	-	-
Cancer Clinic	-	-	-	1	.2	1	.4
Miscellaneous Sources	11	1.5	4	10	1.8	7	2.4
Information from Private Physicians	24	3.2	8	15	2.8	6	2.0
TOTAL	745		336	542		287	

6. CLASSIFICATION OF NEW CASES OF ACTIVE AND INACTIVE TUBERCULOSIS

	1967			1968		
	Active	**Inactive**	**Total**	**Active**	**Inactive**	**Total**
Minimal	55	312	367	46	201	247
Moderately Advanced	74	60	134	63	35	98
Far Advanced	39	3	42	29	6	35
Primary	74	-	74	58	1	59
Tuberculous Pleurisy with Effusion and evidence of previous Pleurisy	23	10	33	16	4	20
Non-respiratory Tuberculosis	67	24	91	67	8	75
Miliary	4	-	4	8	-	8
TOTAL	336	409	745	287	255	542

NEWLY DISCOVERED AND REACTIVATED CASES ACCORDING TO RESIDENCE (PUBLIC HEALTH SUPERVISION)

Health Unit	New Active	%	*Rate	Re-activated	%	*Rate	Total Active	%	*Rate	Total New Cases		
										Active	Inactive	Total
Alberta East Central	6	2.1	11.9	1	2.5	2.0	7	2.1	13.7	6	6	12
Athabasca	9	3.1	41.2	-	-	-	9	2.8	41.2	9	9	18
Banff National Park	1	.4	27.9	1	2.5	27.9	2	.6	55.8	1	-	1
Barons Eureka	1	.4	3.8	-	-	-	1	.3	3.8	1	4	5
Big Country	-	-	-	-	-	-	-	-	-	-	1	1
Chief Mountain	1	.4	11.2	-	-	-	1	.3	11.2	1	-	1
Chinook	-	-	-	-	-	-	-	-	-	-	2	2
Drumheller	3	1.0	11.0	1	2.5	3.7	4	1.3	14.6	3	2	5
Edson	2	.8	8.7	-	-	-	2	.6	8.7	2	1	3
Foothills	-	-	-	-	-	-	-	-	-	-	2	2
Grande Prairie	12	4.2	32.8	1	2.5	2.7	13	4.0	35.9	12	4	16
Jasper National Park	-	-	-	1	2.5	35.3	1	.3	35.3	-	-	-
Leduc-Strathcona	5	1.7	13.8	1	2.5	2.8	6	1.9	16.3	5	3	8
Lethbridge	3	1.0	8.2	-	-	-	3	.9	8.2	3	2	5
Medicine Hat	-	-	-	1	2.5	2.0	1	.3	2.0	-	4	4
Minburn-Vermilion	7	2.5	24.8	-	-	-	7	2.1	24.8	7	5	12
Mount View	-	-	-	-	-	-	-	-	-	-	2	2
North Eastern Alberta	10	3.4	28.1	1	2.5	2.8	11	3.4	30.9	10	13	23
Peace River	6	2.1	16.4	1	2.5	2.7	7	2.1	19.1	6	8	14
Red Deer	10	3.4	14.6	3	7.5	4.4	13	4.0	19.0	10	10	20
Stony Plain-Lac Ste. Anne	7	2.5	29.3	-	-	-	7	2.1	29.3	7	1	8
Sturgeon	10	3.4	19.1	1	2.1	1.9	11	3.4	21.0	10	6	16
Vegreville	3	1.0	10.5	-	-	-	3	.9	10.5	3	7	10
County of Warner	-	-	-	-	-	-	-	-	-	-	-	-
Wetoka	7	2.5	23.8	-	-	-	7	2.1	23.8	7	6	13
City of Calgary	43	15.0	12.9	9	22.5	2.7	52	15.9	15.6	43	51	94
City of Edmonton	69	24.1	18.1	8	20.0	2.1	77	23.5	20.0	69	70	139
Miscellaneous (Areas not included in above listing)	20	6.9	-	-	-	-	20	6.2	-	20	25	45
Registered Indians	52	18.1	200.8	10	25.0	38.6	62	18.9	248.0	52	11	63
TOTAL FOR PROVINCE	287	100	19.2	40	100	2.6	327	100	21.6	287	255	542

*Rate per 100,000 of Population

8. ACTIVE CASES AMONG REGISTERED INDIANS

	New Active	Reactivated	Population	* Rate
EDMONTON/HOBBEMA DISTRICT			5,057	197.72
Alexis Band	6	-	457	
Pauls Band	3	-	543	
Samson Band	1	1	1,644	
Alexander Band	-	1	456	
FORT VERMILION AGENCY			2,187	457.2
Little Red River Band	9	1	796	
Slave Lake Band	1	1	950	
SADDLE LAKE/ATHABASCA DISTRICT			5,636	141.9
Saddle Lake Band	1	2	2,279	
Heart Lake Band	2	-	63	
McKay Band	1	-	166	
Cree Band	2	-	675	
Cold Lake Band	2	-	808	
Fort Chipewyan Band	-	1	230	
LESSER SLAVE LAKE AGENCY			3,519	142.1
Bigstone Band	3	-	1,194	
Whitefish Lake Band	1	2	416	
Driftpile Band	1	-	473	
STONY SARCEE AGENCY			4,161	336.5
Wesley Band	7	-	511	
Stony Band	2	-		
Chiniquay Band	1	-	394	
Bearspaw Band	2	-	597	
Sarcee Band	1	-	424	
Blackfoot Band	1	1	2,235	
BLOOD/PEIGAN DISTRICT			5,333	75.0
Blood Band	4	-	3,999	
Non-Resident (Saskatchewan)	1	-	-	-
TOTAL	52	10	*25,893	200.8

* Rate refers to 100,000 per Agency Population.
* Refers to total Indian Population for the Province.

Number of cases reactivated (includes 10 Registered Indians and 2 Unregistered Indians)	40	
Number of known non-residents diagnosed tuberculosis (includes 64 Immigrants)	79	(17 active)
Number of Registered Indians diagnosed tuberculosis	63	(52 active)
Number of Unregistered Indians diagnosed tuberculosis	56	(46 active)
Number with active or reactivated disease on out-patient drug therapy only	23	
*Number of cases started on drug therapy not diagnosed new active or reactivated	104	

*Includes long active, new active cases reported from other provinces not notifiable in Alberta, as well as all those receiving chemoprophylaxis.

OLD TUBERCULIN DISTRIBUTED DURING 1968

	BMS	AMS	Total
Dilution No. 2	87	171	258
Dilution No. 3	427	1,002	1,429
Dilution No. 4	67	2	69
Purified Protein Derivative	430	1,466	1,896
TOTAL	1,011	2,641	3,652

B.C.G. VACCINATIONS 1968

1. Nurses	(a)	Graduates	5
	(b)	Students	740
	(c)	Other Nursing Personnel	543
2. All Other Hospital Personnel			52
3. Medical Students			80
4. Indians and Eskimos			
	(a)	Newborn	28
	(b)	Adults and Children	301
5. All Other Persons			
	(a)	Newborn, contact	0
	(b)	Adults and Children, contacts	9
	(c)	Newborn, not contacts	0
	(d)	Adults and Children, not contacts	153
TOTAL			1,911

9.

INSTITUTIONAL REPORT

	BMS	AMS	CCIH	AHE
Number of patients under treatment January 1, 1968	50	164	9	88
Number admitted during 1968	136	372	13	17
Number transferred in during 1968	1	12	-	4
Number treated during 1968	187	548	22	109
Number discharged and died during 1968	136	425	20	22
Number transferred out during 1968	1	5	2	11
Number transferred out, discharged or died during 1968	137	430	22	33
Number under treatment December 31, 1968	50	118	-	76

	T.B. Division	Province
Number of patients under treatment January 1, 1968	214	311
Number of admissions during 1968	508	538
Number of patients treated during 1968	722	849

DIAGNOSIS OF PATIENT ADMISSIONS – TUBERCULOSIS DIVISION

ACTIVE TUBERCULOSIS	BMS	AMS
Minimal	6	35
Moderately Advanced	19	86
Far Advanced	24	37
Miliary	5	2
Primary	13	43
Pleurisy	3	13
Silico-tuberculosis	–	–
Abscess	–	1
Adenitis	7	13
Addison's Disease	–	–
Bone	–	5
Erythema Nodosum	–	–
Eye	–	3
Genito-Urinary	6	10
Lupus Vulgaris	–	–
Meningitis	2	1
Pelvic	–	–
Pericarditis	–	–
Spondylitis	–	3
Peritonitis	–	1
Hip	1	–
Sacroiliac Joint	1	–
Synovitis	–	2
Enterocolitis	–	1
Salpingitis	–	2
Endometritis	–	1
Chest Wall Abscess	1	–
Tuberculosis Inactive	2	23
Non-Tuberculous Disease	–	25
For Diagnosis	46	65
TOTAL	136	372

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
Number of Pulmonary Cases in 1968 with:			
(a) positive sputum	36	123	159
(b) negative sputum	79	149	228
(c) undetermined	3	36	39
Number of Non-pulmonary Cases in 1968 with:			
(a) positive sputum	13	19	32
(b) negative sputum	23	34	57
(c) undetermined	-	3	3
Number of re-admissions during 1968	35	89	
Number both admitted and readmitted during 1968	-	23	
Number left against advice 1968	5	51	
Number of patient days	16,282	54,707	

Number of patient days in other provinces under Reciprocal Agreement	389
Total number of patient days including those in other provinces under Reciprocal Agreement	71,378
Number of patients in other provinces (Reciprocal Agreement) January 1, 1968 . . .	1
Number of admissions in other provinces under Reciprocal Agreement	3
Number of institution patient days provided for non-residents in Alberta under Reciprocal Agreement	1,593
Number of patients in Alberta Sanatoria, non-residents, under Reciprocal Agreement, January 1, 1968	3
Number of admissions, non-residents, under Reciprocal Agreement	10
Number of active tuberculosis cases admitted for treatment who have a history of tuberculosis, but who are not known to have been admitted for treatment anywhere previously	27
Number "chronic alcoholics" admitted	23
Number cases suspect carcinoma either on admission or by x-ray	28

OPERATING ROOM REPORT

		Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
CHEST OPERATIONS				
Major:	Wedge Resections	-	5	5
	Pneumonectomies	1	1	2
	Lobectomies	12	6	18
	Lobectomy and Decortication	-	1	1
	Removal of Wax Plombages	-	3	3
	Segmental Resection	-	1	1
	Thoracoplasties	5	-	5
	Thoracotomy	1	-	1
	Pleural Biopsy and Decortication	-	1	1
	Lung Biopsy	-	1	1
	Excision of Haematoma	-	1	1
	Exploration re Amputation Bronchial Stump	1	-	1
Minor:	Chest Aspirations	36	5	41
	Bronchoscopies	16	31	47
	Pleural Biopsies	6	3	9
	Biopsy Chest Muscle	1	-	1
GENITO-URINARY OPERATIONS				
Major:	Nephrectomies	-	3	-
	Nephro-ureterectomy	-	1	1
	Excision of Kidney Cyst	-	1	1
	Uretheral Reintransplantation	-	1	1
Minor:	Testicle Biopsy	-	1	1
	Cystoscopies	9	5	14
	Cystoscopy and Urethral Dilatation	-	1	1
	Cystoscopy and Biopsy of Prostate	-	1	1
ORTHOPAEDIC OPERATIONS				
Major:	Arthrotomy	1	-	1
	Fracture Femur Pinning	1	-	1
	Subcutaneous Tenotomy Abductors	1	-	1
	Spinal Fusions	-	3	3
	Knee Fusion	-	1	1
	Synovectomy	-	1	1
	Hip Arthrodesis	-	1	1
	Arthrodesis of Finger with Graft	-	1	1
Minor:	Stieman Pin Traction	-	1	1
GYNAECOLOGICAL OPERATIONS				
	Drainage of Appendix Abscess	-	1	1
	Appendectomies	-	2	2
	Resuturing Abdominal Wall	-	1	1
	Repair of Dupuytren's Contraction	-	1	1
	Simple Mastectomy	-	1	1
	Inguinal Hernia Repair	-	1	1
OTHER MINOR OPERATIONS				
	Lumbar Punctures	-	7	7
	Insertion D.O.C.A.	2	6	8
	Muscle Biopsies	2	-	2
	Aspirations (other than chest)	7	2	9
	Sternal Punctures	2	-	2
	Tracheostomy	1	-	1
	Biopsy Chest Gland	1	-	1
	Resections Cervical Lymph Nodes	-	4	4
	Scalene Node Biopsies	-	4	4
	Bone Marrow Biopsy	-	1	1
	Resuturing Wound	-	1	1
	Biopsy Vocal Cords	-	1	1
	Sigmoidoscopy	-	1	1
MISCELLANEOUS PROCEDURES		22	11	33
TOTAL		128	126	254

N.B. All major surgery for the Baker Memorial Sanatorium was done at the Foothills General Hospital in Calgary.

SUMMARY PNEUMOTHORAX CASES

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
Under treatment January 1, 1968	1	-	1
Under treatment December 31, 1968	-	-	-
Refills:			
Out-patient	-	-	-

SUMMARY PNEUMOPERITONEUM CASES

Under treatment January 1, 1968	-	1	1
Under treatment December 31, 1968	-	2	2
Refills:			
In-patient	-	123	123
Out-patient	-	23	23
TOTAL	-	146	146

NUMBER of PATIENTS DISCHARGED on DRUGS 1968

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
Isoniazid	1	11	12
Streptomycin & Ethionamide	-	1	1
Isoniazid & Para-amino Salicylic Acid	50	161	211
Pycamisan	-	29	29
Streptomycin & Isoniazid	-	15	15
Para-amino Salicylic Acid, Isoniazid & Ethionamide	-	4	4
Isoniazid & Parasol	-	1	1
Isoniazid & Pyrazinamide	-	3	3
Isopas	-	19	19
Streptomycin, Para-amino Salicylic Acid & Isoniazid	20	7	27
Isopas & Streptomycin	-	2	2
Isoniazid, Isoxyl & Cycloserine	-	1	1
Isoniazid & Ethionamide	-	2	2
Ethionamide & Pyrazinamide	-	3	3
Streptomycin & Para-amino Salicylic Acid	-	1	1
Isoniazid & Neopasalate	-	3	3
Isoniazid, Pyrazinamide, Isoxyl	-	1	1
Streptomycin & Pyrazinamide	-	1	1
Pycamisan & Ethionamide	-	1	1
Streptomycin & Pycamisan	-	2	2
Isoxyl & Isoniazid	9	1	10
Isoniazid, Streptomycin & Isoxyl	4	-	4
TOTAL	84	269	353

LABORATORY REPORT

SPUTUM EXAMINATIONS			
Positive	140	459	599
Negative	1,031	2,182	3,213
TOTAL	1,171	2,641	3,812
URINE EXAMINATIONS	4,436	8,377	12,813
BLOOD EXAMINATIONS			
Blood Counts	3,515	5,485	9,000
Sedimentation Rates	1,766	2,926	4,692
Blood Sugars	276	1,106	1,382
TOTAL	5,557	9,517	15,074
MISCELLANEOUS			
Pleural Fluid	13	5	18
Spinal Fluid	6	8	14
Gastric Analysis	5	2	7
Culture	3,527	1,791	5,318
Guinea Pig Inoculation	390	2	392
Other	2,103	4,817	6,920
TOTAL	6,044	6,625	12,669
WASSERMAN REPORT			
Positive	8	4	12
Negative	124	293	417
TOTAL	132	297	429

DENTAL REPORT

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
Number of patients (individuals)	221	252	473
Number of treatments	79	422	501
Number of prophylactic treatments	8	20	28
Number of fillings	77	160	237
Number of extractions	65	173	238
Number of new dentures and repairs	-	75	75
TOTAL	450	1,102	1,552

MISCELLANEOUS PROCEDURE

Basal Metabolism Rate	-	-	-
Cardiograph	30	19	49
Audiogram	2	-	2
TOTAL	32	19	51

X-RAY DEPARTMENT REPORT

	Baker Memorial Sanatorium		Aberhart Memorial Sanatorium		Total	Total	Grand Total
	In Pts.	Out Pts.	In Pts.	Out Pts.	In Pts.	Out Pts.	
RADIOGRAPHS MADE:							
Chest – Full Size	646	1,162	1,683	2,414	2,329	3,576	5,905
Miniature	-	1,821	-	7,315	-	9,136	9,136
Ribs	1	-	-	-	1	-	1
Pelvis	11	2	14	3	25	5	30
Extremities	21	8	64	42	85	50	135
Spines – Cervical	6	3	4	-	10	3	13
Dorsal	5	8	21	7	26	15	41
Lumbar	44	17	17	4	61	21	82
Skull	5	-	7	-	12	-	12
Sinuses	-	-	-	1	-	1	1
F.P. Abdomen	3	1	5	-	8	1	9
G.B. Series	2	-	2	-	4	-	4
G.I. Series	-	-	3	-	3	-	3
Barium Enema	-	-	4	-	4	-	4
Intravenous Pyelogram	72	5	39	22	111	27	138
Retrograde Pyelogram	7	-	2	-	9	-	9
Sinogram	10	-	4	-	14	-	14
Bronchogram	56	-	30	3	86	3	89
Ordographs (body section radiography)	244	8	95	34	339	42	381
Dental	27	1	103	-	130	1	131
Shoulder	2	6	-	-	2	6	8
TOTAL	1,162	3,042	2,097	9,845	3,259	12,887	16,146
Fluoroscopic Examinations	22	-	-	-	22	-	22
Films sent in for interpretation	14,325		9,974				24,299

CLASSIFICATION on ADMISSION of 561 DISCHARGED PATIENTS

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
For diagnosis	38	64	102
Primary tuberculosis	9	64	73
Pulmonary tuberculosis	66	235	301
Tuberculous pleurisy	6	14	20
Non-pulmonary tuberculosis	17	48	65
TOTAL	136	425	561

CLASSIFICATION on DISCHARGE of CASES of TUBERCULOSIS and TUBERCULOUS PLEURISY (TUBERCULOSIS DIVISION ONLY)

	On Admission			On Discharge		
	Number	Improved	Quiescent	Unimproved	Inactive	Died
Minimal	76	63	-	-	15	-
Moderately Advanced	143	111	1	3	21	6
Far Advanced	73	60	-	1	7	5
Primary	74	63	-	-	11	-
Miliary	5	3	-	-	-	1
Non-pulmonary Tuberculosis	65	56	-	1	6	2
Tuberculous Pleurisy	20	20	-	-	-	-
TOTAL	456	376	1	5	60	14

RESIDENCE of DISCHARGED PATIENTS

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
SUMMARY			
Cities	79	149	228
Towns (not included in Health Units or Counties)	-	8	8
Villages	-	-	-
Counties	-	-	-
Enlarged Municipal Districts	-	-	-
Local Improvement Districts	-	49	49
Health Units	55	205	260
Non Residents	2	14	16
TOTAL	136	425	561

SEX of DISCHARGED PATIENTS (TUBERCULOSIS DIVISION)

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total
Male	78	226	304
Female	58	199	257
TOTAL	136	425	561

AGE on ADMISSION of DISCHARGED PATIENTS (TUBERCULOSIS DIVISION)

4 years and under	11	48	59
From 5-9 years	2	27	29
From 10-14 years	4	6	10
From 15-19 years	5	25	30
From 20-24 years	9	32	41
From 25-29 years	9	29	38
From 30-34 years	7	30	37
From 35-39 years	13	23	36
From 40-44 years	11	29	40
From 45-49 years	11	32	43
From 50-54 years	12	25	37
From 55-59 years	9	31	40
From 60-69 years	17	39	56
From 70-79 years	12	38	50
80 years and over	4	11	15
TOTAL	136	425	561

SOCIAL STATUS of DISCHARGED PATIENTS (TUBERCULOSIS DIVISION)

Single	38	182	220
Married	72	190	262
Divorced	3	6	9
Separated	6	17	23
Widowed	17	30	47
TOTAL	136	425	561

DISCHARGED PATIENTS of NON WHITE ORIGIN (TUBERCULOSIS DIVISION)

Registered Indians	24	93	117
Metis	5	108	113
East Indians	1	1	2
Chinese	5	4	9
Japanese	-	-	-
Negro	3	1	4
TOTAL	38	207	245

RESIDENCE in ALBERTA of DISCHARGED PATIENTS (TUBERCULOSIS DIVISION)

	Baker Memorial Sanatorium			Aberhart Memorial Sanatorium		
	Canadian Born (exclusive of Reg. Indians)	Foreign Born	Registered Indians	Canadian Born (exclusive of Reg. Indians)	Foreign Born	Registered Indians
Under 1 year	2	2	1	10	6	1
1-5 years	10	3	2	34	14	20
6-9 years	2	4	1	21	6	4
10-14 years	4	2	1	14	6	4
15-19 years	3	1	2	27	8	5
20-29 years	8	6	6	23	5	26
30 or more years . . .	33	33	10	112	36	29
TOTAL	62	51	23	241	81	89

Non-Resident – 14

LENGTH of STAY in SANATORIUM of DISCHARGED PATIENTS

	Baker Memorial Sanatorium	Aberhart Memorial Sanatorium	Total Tub. Division	*Charles Camsell Hospital	Grand Total
DEATHS					
Number in Sanatorium under 31 days	4	2	6	-	6
Number of patient days	63	27	90	-	90
Average number of patient days	15.8	13.5	15	-	15
Number in Sanatorium 31 or more days	4	9	13	-	13
Number of patient days	3,069	7,102	10,171	-	10,171
Average number of patient days	767.3	789.1	782.4	-	782.4
DISCHARGES					
Number in Sanatorium under 31 days	42	73	115	9	124
Number of patient days	477	1,093	1,570	84	1,654
Average number of patient days	11.4	15	13.7	9.3	13.3
Number in Sanatorium 31 or more days	86	341	427	13	440
Number of patient days	16,030	60,494	76,524	4,934	81,458
Average number of patient days	186.4	177.4	179.2	379.5	185.1
Total number deaths and discharges	136	425	561	22	583
Total number patient days . .	19,639	68,716	88,355	5,018	93,373
Average number patient days	144.4	161.7	157.5	228.1	160.1

*Alberta Indians only considered in these figures.

DIVISION OF MENTAL HEALTH

A. R. Schrag, M.D., C.R.C.P. (C), Director

ADMINISTRATION

The Division of Mental Health operates active treatment hospitals at Edmonton and Ponoka, continued care hospitals at Claresholm and Raymond, a geriatric hospital at Rosehaven, Camrose, a school hospital at Red Deer for the training of younger retardates and Deerhome, a rehabilitation and care facility for adult retardates, as well as, Linden House, a unit for the treatment of emotionally disturbed children, on the grounds of the Alberta School Hospital, Red Deer.

In addition, the Division operates Guidance Clinics at Edmonton with a branch in Grande Prairie, Red Deer, Calgary and Lethbridge with a branch at Medicine Hat.

During 1968 the activities of the Division of Mental Health continued at a high level in all sections of the Division. In spite of extensive advertising and other Divisional efforts, shortages of professional staff existed in the categories of Certified Psychiatrists, Senior Psychologists and Psychiatric Social Workers, General and Psychiatric Nurses, Dietitians and Pharmacists.

New forms of admission and separation cards were initiated which will permit faster and more complete recovery of statistical information for annual reports and research information for future planning.

A historical report of the Division and much additional information was supplied to committees working on the Alberta Mental Health Study.

At the Alberta Hospital, Edmonton, construction was commenced on a new Ward Building and new Admissions Building to be available June, 1969 and a new Infirmary Building for use in 1970. These buildings should provide 188 beds in 1969 and 140 beds in 1970 with greatly improved treatment facilities eliminating overcrowding.

An addition to the Administration and Admission Building provided offices for social workers and psychologists and improved business office facilities at the Alberta Hospital, Ponoka.

The new Services Building, Rosehaven, Camrose, provided a replacement of the heating plant, a new modern kitchen, a staff cafeteria and stores area which were much needed. The Ward Building under construction is expected to be available in February, 1969, and will improve facilities for the care of 76 patients.

At the Alberta Hospital, Claresholm, a new Ward Building for male patients and a new Staff Residence were occupied and a Recreation and Occupational Therapy Building was brought into service. It was then possible to transfer 40 patients from the Alberta Hospital, Raymond, and some 65 male patients from elsewhere and also provide suitable recreational and occupational therapy facilities.

RESEARCH

Funds for five research projects were provided by the Division of Mental Health. These projects were undertaken in co-operation with the Departments of Psychology of the University of Alberta, Edmonton and the University of Calgary and one with the Department of Neurosurgery of the Faculty of Medicine of the University of Alberta.

Federal Health Grants in the amount of $49,496.50 were provided for four other research projects.

ADVISORY COMMITTEE UNDER THE PSYCHIATRIC NURSING TRAINING ACT

The Advisory Committee met six times and amongst other things established Provincial Examinations in Psychiatric Nursing. The Mental Deficiency Graduate Nursing program was strengthened and changed from a three to a two-year course.

Applications were received for Certificates of Qualification as a Psychiatric Nurse or Mental Deficiency Nurse from applicants trained in the United Kingdom, Australia, New Zealand, Hong Kong, Malaysia, Holland, West Germany besides the Provinces of Canada. Recruits or potential recruits to the nursing staffs of the Divisional hospitals were obtained from these areas.

Curriculum studies were undertaken in regard to modification of the Psychiatric Nurses training program.

REVIEW PANELS

The Review Panels appointed for the various hospitals continued to function effectively in spite of the death of one of the very able members and the illness of both of the chairmen. The total number of complaints received was increased by 31 to a total of 83.

A.H., Edmonton received 41 (3 persons complaining 2 times) certificates revoked 7

A.H., Ponoka received 42 (3 persons complaining 2 times) certificates revoked 6

In one case the certificate was revoked on a legal technicality and the patient remained in hospital as a voluntary patient. The number of certificates revoked (6) represented .8% of certificates received or issued at the Alberta Hospital, Ponoka, and at the Alberta Hospital, Edmonton, the 7 certificates revoked represented .9%.

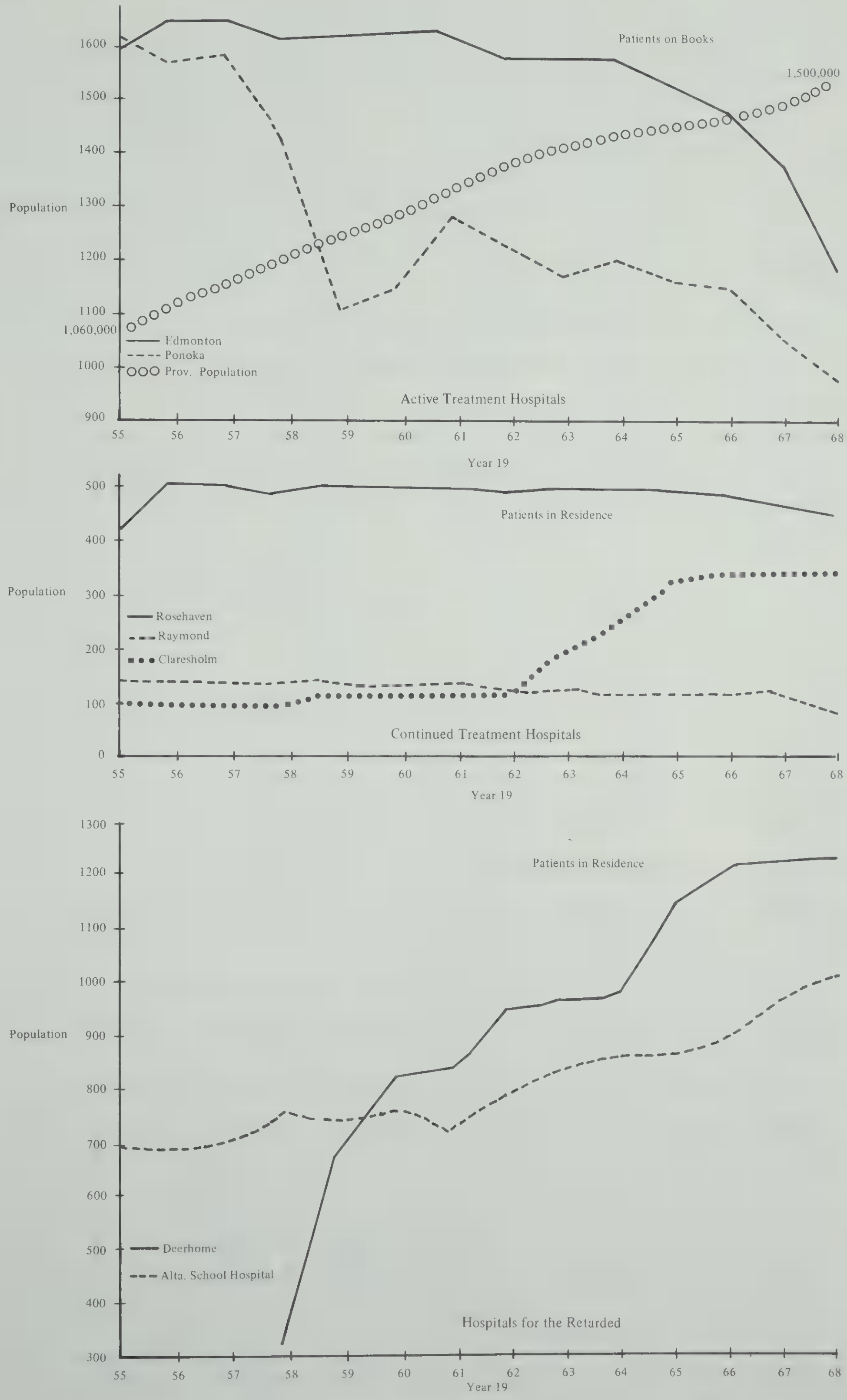
In spite of an increasing number of admissions to the active treatment hospitals at Edmonton and Ponoka, modern treatment methods along with increased outpatient services have produced a further drop in the number of patients on the books of these hospitals. As of December 31, 1968, there were on the books only approximately two-thirds the number that were on the books of these hospitals in 1955.

During the same period of time the population of the continued treatment hospitals increased by 330 patients giving a net decrease in the number of mentally disordered patients in Alberta Hospitals of 700 on books and 861 in residence in spite of an increase in population of the Province of over 450,000 persons.

Since 1957 facilities for the care of the mentally retarded were increased from 707 to 2,369 beds.

These changes are shown in Table 1 and the graph on pages 101 and 102.

The consolidated tables of admissions, discharges and deaths for each of the hospitals is shown in Tables 2 and 3.



GRAPHS SHOWING ALBERTA HOSPITAL POPULATION BY YEARS

TABLE 1
ALBERTA HOSPITAL POPULATION BY YEARS

Year		A.H., Edmonton	A.H., Ponoka	Total in Active Treatment	A.H., Claresholm	A.H., Raymond	Rosehaven	Total Mental Disorder	Deerhome	School Hospital	Total Defective	Total
1955	On Books	1,577	1,622	3,199	100	-	-	3,848	-	698		
1,066,000	In Res.	1,476	1,585	3,061	99	134	415	3,709	-	-	698	4,407
1956	On Books	1,641	1,572	3,213	97	-	-	3,949	-	698		
1,123,116	In Res.	1,512	1,521	3,033	96	134	505	3,768	-	-	698	4,466
1957	On Books	1,646	1,575	3,221	97	-	-	3,952	-	707		
1,160,000	In Res.	1,543	1,523	3,066	96	133	501	3,796	-	-	707	4,503
1958	On Books	1,608	1,426	3,034	100	-	-	3,761	-	758		
1,201,000	In Res.	1,434	1,378	2,812	98	132	495	3,537	335	-	1,093	4,630
1959	On Books	1,609	1,102	2,711	110	-	-	3,460	-	734		
1,243,000	In Res.	1,427	1,034	2,461	106	136	503	3,206	675	-	1,409	4,615
1960	On Books	1,621	1,130	2,751	111	-	-	3,498	-	756		
1,283,000	In Res.	1,410	1,052	2,462	105	131	505	3,203	811	-	1,567	4,770
1961	On Books	1,613	1,269	2,882	112	132	-	3,628	-	718		
1,331,944	In Res.	1,456	1,174	2,630	108	131	502	3,371	830	-	1,548	4,919
1962	On Books	1,571	1,210	2,781	110	-	-	3,510	-	796		
1,370,000	In Res.	1,441	1,120	2,561	107	120	499	3,287	944	-	1,740	5,027
1963	On Books	1,575	1,160	2,735	199	-	-	3,559	-	844		
1,405,000	In Res.	1,441	1,062	2,503	196	124	501	3,324	958	-	1,802	5,126
1964	On Books	1,564	1,179	2,743	237	119	-	3,599	-	869		
1,432,000	In Res.	1,409	1,100	2,509	231	116	500	3,356	974	-	1,843	5,199
1965	On Books	1,518	1,174	2,692	330	123	-	3,642	-	861		
1,451,000	In Res.	1,345	1,087	2,432	322	118	497	3,369	1,134	-	1,995	5,364
1966	On Books	1,470	1,126	2,596	348	120	-	3,548	-	922		
1,463,203	In Res.	1,243	1,029	2,272	342	117	484	3,215	1,219	-	2,141	5,356
1967	On Books	1,361	1,027	2,388	347	121	-	3,323	-	977		
1,490,000	In Res.	1,141	960	2,101	341	119	467	3,028	1,228	-	2,205	5,233
1968	On Books	1,188	996	2,184	449	77	452	3,162	1,361	1,008	2,369	5,531
1,526,000	In Res.	996	882	1,878	441	77	452	2,848	1,229	779	2,008	4,856

TABLE 2
TABULATED SUMMARY - HOSPITALS - MOVEMENT OF POPULATION

HOSPITALS	Patients in Hospital December 31, 1967			Admissions (Excluding Transfers) *			Discharges (Excluding Transfers) *			Deaths			Patients in Hospital December 31, 1968		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
ACTIVE TREATMENT HOSPITALS:															
Alberta Hospital, Ponoka	600	360	960	824	475	1,299	778	488	1,266	49	24	73	577	305	882
Alberta Hospital, Edmonton	707	434	1,141	1,431	848	2,279	1,502	836	2,338	50	23	73	610	386	996
Total	1,307	794	2,101	2,255	1,323	3,578	2,280	1,324	3,604	99	47	146	1,187	691	1,878
CONTINUED TREATMENT HOSPITALS:															
Rosehaven, Camrose	247	220	467	46	27	73	2	-	2	69	57	126	240	212	452
Alberta Hospital, Claresholm	105	236	341	72	54	126	10	14	24	3	13	16	169	272	441
Alberta Hospital, Raymond	-	119	119	-	3	3	-	39	39	-	3	3	-	76	76
Total	352	575	927	118	84	202	12	53	65	72	73	145	409	560	969
HOSPITALS FOR THE MENTALLY RETARDED:															
Alberta School Hospital, Red Deer	541	436	977	55	54	109	35	20	55	12	11	23	549	459	1,008
Deerhome, Red Deer	682	546	1,228	33	30	63	29	18	47	11	5	16	674	555	1,229
Total	1,223	982	2,205	88	84	172	64	38	102	23	16	39	1,223	1,014	2,237
UNIT FOR EMOTIONALLY DISTURBED CHILDREN, LINDEN HOUSE, RED DEER:	6	4	10	7	4	11	6	2	8	-	-	-	7	6	13
OVERALL TOTALS	2,888	2,355	5,243	2,468	1,495	3,963	2,362	1,417	3,779	194	136	330	2,826	2,271	5,097

*Transfer means the movement of a certified patient from one provincial mental hospital to another.

TABLE 3
TABULATED SUMMARY OF DEATHS IN HOSPITALS
(Abridged International Classification)

Disease	A.H., Ponoka			A.H., Edmonton			A.H., Claresholm			A.H., Raymond			Rosehaven, Camrose			A.S.H., Red Deer			Deerhome, Red Deer			Totals		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Neoplasms	6	1	7	3	2	5	1	1	2	-	1	1	2	4	6	-	1	1	2	-	2	14	10	24
Mental, Psychoneurotic and Personality Disorders	1	-	1	3	-	3	1	-	1	-	-	-	-	1	1	1	1	2	-	-	-	6	2	8
Diseases of the Nervous System and Sense Organs	4	1	5	3	2	5	-	4	4	-	-	-	7	10	17	2	3	5	3	1	4	19	21	40
Diseases of the Circulatory System	15	9	24	14	12	26	1	6	7	-	1	1	31	20	51	1	-	1	3	2	5	65	50	115
Diseases of the Respiratory System	16	10	26	18	3	21	-	1	1	-	1	1	23	16	39	5	2	7	1	1	2	63	34	97
Diseases of the Digestive System	4	1	5	-	1	1	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	4	4	8
Diseases of the Blood and Blood Forming Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
Diseases of the Genito-Urinary System	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	1	-	1	-	1	1	2	2	4
Symptoms, Senility and Ill-defined Conditions	1	-	1	7	2	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	10
Allergic, Endocrine System, Metabolic and Nutritional Diseases	-	-	-	-	1	1	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	2	1	3
Infective and Parasitic Diseases	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	2
Deliveries and Complications of Pregnancy, Childbirth and Puerperium	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Accidents, Poisoning and Violence*	2	1	3	2	-	2	-	-	-	-	-	-	2	4	6	-	-	-	2	-	2	8	5	13
Congenital Malformations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	-	-	-	2	2	4
GRAND TOTALS	49	24	73	50	23	73	3	13	16	-	3	3	69	57	126	12	11	23	11	5	16	194	136	330

Note: Linden House - Unit for Emotionally Disturbed Children - No deaths.
*For detail see Hospital Report

PREVENTIVE SERVICES

The Alberta Guidance Clinic, Red Deer, moved into new offices in the Professional Building providing smaller but more acceptable accommodation particularly for physically handicapped persons because of the availability of a passenger elevator.

Dr. Bower, the Psychiatrist at the Alberta Guidance Clinic, Lethbridge, resigned from the service June 30th and has not been replaced.

The number and quality of training in social work and psychology improved because of the return of persons on leave for training.

The total number of new cases seen was increased by 74 and the number of re-registered cases by 78. The total workload was increased by 11,672 units.

As in previous years most patients seen in the Clinics were under 20 years of age (86.5%). The principal diagnoses are listed below:

PRE-SCHOOL AGE GROUP

Mental Deficiency	24.7%
Transient Situational Reactions	24.0%
Diagnosis Deferred	18.9%
Normal Child	15.3%
Chronic Brain Disorders	7.4%
All Other Diagnoses	9.7%
	100.0%

SCHOOL AGE GROUP 6 – 15 YRS. 11 MOS.

Transient Situational Disorders	42.4%
Mental Deficiency	14.5%
Personality Disorders	12.7%
Diagnosis Deferred	11.9%
Normal Child	10.1%
Psychoneurotic Disorders	4.3%
All Other Diagnoses	4.1%
	100.0%

SIXTEEN AND OVER AGE GROUP

Psychoneurotic Disorders	26.1%
Transient Situational Disorders	19.1%
Personality Disorders	17.1%
Examination or Test Only	12.5%
Normal Child	6.5%
Psychotic Disorders (54)	5.9%
Diagnosis Deferred	5.6%
All Other Diagnoses	7.2%
	100.0%

Referral sources were in order of number of referrals – schools 27.7%, family and self 23.8%, physicians 19.7%, welfare agencies 10.6% and health units 9.6%.

In all age groups 896 new cases of mental deficiency were examined.

The reports of the individual clinics follow the consolidated tables of clinic activities.

TABLE 4
PROFESSIONAL STAFF, NEW AND RE-REGISTERED CASES, TREATMENT PERIODS, INTERVIEWS, PSYCHOLOGICAL EXAMINATIONS AND WORKLOAD BY CLINIC AREAS

CLINIC AREA	STAFF			NEW CASES			RE-REGISTERED CASES			DISTRIBUTION OF WORK				WORKLOAD
	Psychiatrists	Psychologists	Social Workers	M	F	T	M	F	T	Pat.	Col.	Gen.	P.E.	
Calgary and District	3	8 3/12	10 2/12	570	325	895	495	294	789	8,517	7,615	17,729	2,734	36,595
Edmonton and District	3 5/12	13 3/12	13	1,372	723	2,095	417	210	627	7,820	8,335	13,900	2,890	32,945
Lethbridge, Medicine Hat and District	6/12	3 1/12	2 11/12	272	149	421	230	137	367	1,460	2,232	687	667	5,046
Ponoka and District	3 3/12	.7/12	-	95	80	175	264	125	389	533	142	26	71	772
Red Deer and District	1	2	1 4/12	317	304	621	90	97	187	2,295	1,646	256	565	4,762
TOTALS	11 2/12	26 7.7/12	27 5/12	2,626	1,581	4,207	1,496	863	2,359	20,625	19,970	32,598	6,927	80,120

TOTAL NEW CASES SINCE 1929 - 54,374

Edmonton and District - Area East and West from Wetaskiwin North, Clinics held in Athabasca, Barrhead, Bonnyville, Camrose, Edson, Fort McMurray, Holden, Killam, Lac La Biche, Lamont, Peace River, Grande Prairie, Smoky Lake, St. Paul, Two Hills, Thorhild, Vegreville, Vermilion, Wainwright, Westlock and Wetaskiwin.

Calgary and District - Area East and West from Didsbury to Claresholm. Clinics held in Drumheller, Three Hills and Hanna.

Lethbridge and Medicine Hat Districts - Area East and West from Claresholm South. Clinics held in Brooks, Crowsnest Pass, Pincher Creek and Vulcan.

Ponoka, Red Deer and Districts - East and West from Wetaskiwin to Didsbury. Clinics held in Castor, Stettler, Rimbey, Rocky Mountain House, Ponoka and Red Deer.

New Cases - Patients examined for the first time by any Guidance Clinic in the Province.
Re-Registered Cases - Patient has been examined in Alberta Guidance Clinic prior to present year.
Pat. - Patient Interview, Diagnosis or Therapeutic.
Col. - Collateral Contact with Parents, Relatives or those closely interested or related to the patient.
Gen. - General Contact regarding Clinic activity, including those with other agencies and community services including talks, addresses and teaching periods by staff members.
P.E. - Psychological Examinations and Tests.

TABLE 5
AGE AND SEX CLASSIFICATION OF NEW CLINIC CASES

Age Group	Calgary and District			Edmonton and District			Lethbridge, Medicine Hat and District			Ponoka and District			Red Deer and District			Totals			Percentage of Totals		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
0 - 5	90	52	142	223	135	358	36	19	55	1	-	1	11	16	27	361	222	583	13.7	14.0	13.9
6 - 10	253	103	356	673	279	952	109	50	159	5	9	14	93	38	131	1,133	479	1,612	43.2	30.3	38.3
11 - 15	193	94	287	368	200	568	69	33	102	14	17	31	65	36	101	709	380	1,089	27.0	24.0	25.9
16 - 20	24	32	56	83	71	154	17	17	34	7	1	8	48	54	102	179	175	354	6.8	11.1	8.4
21 - 30	4	21	25	11	21	32	20	14	34	14	5	19	48	68	116	97	129	226	3.7	8.2	5.4
31 - 50	6	21	27	11	11	22	19	16	35	30	48	78	36	72	108	102	168	270	3.9	10.6	6.4
51+	-	2	2	3	6	9	2	-	2	24	-	24	16	20	36	45	28	73	1.7	1.8	1.7
TOTALS	570	325	895	1,372	723	2,095	272	149	421	95	80	175	317	304	621	2,626	1,581	4,207	100.0	100.0	100.0

PERCENTAGE: M = % of Total New Male Cases, F = % of Total New Female Cases, T = % of Total New Cases

TABLE 6
DIAGNOSTIC CLASSIFICATION OF NEW CLINIC CASES - PRE-SCHOOL AGE GROUP (0 - 5 Years, 11 Months)

	Calgary and District			Edmonton and District			Lethbridge, Medicine Hat and District			Ponoka and District			Red Deer and District			Totals			Percentage of Totals **		
DIAGNOSIS	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Acute Brain Disorders	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	1	1	2	.3	.5	.3
Chronic Brain Disorders	5	3	8	13	15	28	3	-	3	-	-	-	2	2	4	23	20	43	6.4	9.0	7.4
Psychotic Disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psycho Physiological Disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- -	-	-
Psycho Neurotic Disorders	-	-	-	2	4	6	-	-	-	-	-	-	-	-	-	2	4	6	.5	1.8	1.0
Personality Disorders	4	1	5	11	7	18	3	1	4	1	-	1	2	1	3	21	10	31	5.8	4.5	5.3
Transient Situational Disorders	42	24	66	43	11	54	10	4	14	-	-	-	1	5	6	96	44	140	26.6	19.8	24.0
Mental Deficiency*	25	20	45	52	29	81	6	5	11	-	-	-	3	4	7	86	5[illegible]	144	23.8	26.1	24.7
Diagnosis Deferred	7	2	9	50	35	85	9	6	15	-	-	-	-	1	1	66	44	110	18.3	19.8	18.9
Normal Child	7	2	9	46	27	73	1	1	2	-	-	-	2	3	5	56	33	89	15.5	14.9	15.3
Examination or Test Only	-	-	-	-	1	1	4	1	5	-	-	-	-	-	-	4	2	6	1.1	.9	1.0
Organic Disease	-	-	-	6	6	12	-	-	-	-	-	-	-	-	-	6	6	12	1.7	2.7	2.1
TOTALS	90	52	142	223	135	358	36	19	55	1	-	1	11	16	27	361	222	583	100.0	100.0	100.0

* Mental Deficiency - Hereditary and Idiopathic but not as a secondary diagnosis. **Percentage - M=% of Total New Males, F=% of Total New Females, T=% of Total New Cases.

TABLE 7
DIAGNOSTIC CLASSIFICATION OF NEW CLINIC CASES - SCHOOL AGE GROUP
(6 years to 15 years, 11 months)

DIAGNOSIS	Calgary and District			Edmonton and District			Lethbridge, Medicine Hat and District			Ponoka and District			Red Deer and District			Totals			Percentage of Totals **		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Acute Brain Disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic Brain Disorders	2	1	3	12	7	19	2	1	3	-	-	-	10	6	16	26	15	41	1.4	1.8	1.5
Psychotic Disorders	-	-	-	2	2	4	-	-	-	12	-	12	1	-	1	15	2	17	.8	.2	.6
Psycho Physiological Disorders	2	2	4	-	-	-	-	-	-	-	-	-	1	1	2	3	3	6	.2	.3	.2
Psycho Neurotic Disorders	22	12	34	35	25	60	1	-	1	-	13	13	4	3	7	62	53	115	3.4	6.2	4.3
Personality Disorders	59	20	79	120	28	148	38	15	53	5	8	13	35	14	49	257	85	342	13.9	9.9	12.7
Transient Situational Disorders	269	125	394	388	205	593	55	18	73	2	4	6	59	20	79	773	372	1,145	42.0	43.3	42.4
Mental Deficiency*	48	20	68	163	84	247	11	20	31	-	-	-	24	21	45	246	145	391	13.4	16.9	14.5
Diagnosis Deferred	25	12	37	144	68	212	51	20	71	-	1	1	1	1	2	221	102	323	12.0	11.9	11.9
Normal Child	19	5	24	169	50	219	6	3	9	-	-	-	17	4	21	211	62	273	11.4	7.2	10.1
Examination or Test Only	-	-	-	1	1	2	14	6	20	-	-	-	6	4	10	21	11	32	1.1	1.3	1.2
Organic Disease	-	-	-	7	9	16	-	-	-	-	-	-	-	-	-	7	9	16	.4	1.0	.6
TOTALS	446	197	643	1,041	479	1,520	178	83	261	19	26	45	158	74	232	1,842	859	2,701	100.0	100.0	100.0

*Mental Deficiency - Hereditary and Idiopathic but not as a secondary diagnosis. ** Percentage - M=% of Total New Males, F=% of Total New Females, T=% of Total New Cases.

TABLE 8
DIAGNOSTIC CLASSIFICATION OF NEW CLINIC CASES - ADULT GROUP
(16 years and over)

DIAGNOSIS	Calgary and District			Edmonton and District			Lethbridge, Medicine Hat and District			Ponoka and District			Red Deer and District			Totals			Percentage of Totals **		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Acute Brain Disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic Brain Disorders	-	1	1	2	2	4	3	-	3	-	-	-	7	1	8	12	4	16	2.8	.8	1.7
Psychotic Disorders	1	1	2	1	2	3	5	2	7	2	16	18	8	16	24	17	37	54	4.0	7.4	5.9
Psycho Physiological Disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	4	4	-	.8	.4
Psycho Neurotic Disorders	5	15	20	8	12	20	1	-	1	62	29	91	32	77	109	108	133	241	25.5	26.6	26.1
Personality Disorders	8	18	26	25	14	39	10	8	18	5	3	8	30	37	67	78	80	158	18.4	16.0	17.1
Transient Situational Disorders	11	20	31	38	46	84	12	14	26	5	6	11	10	14	24	76	100	176	18.0	20.0	19.1
Mental Deficiency*	5	9	14	7	8	15	2	-	2	-	-	-	9	4	13	23	21	44	5.4	4.2	4.8
Diagnosis Deferred	-	4	4	13	17	30	12	5	17	1	-	1	-	-	-	26	26	52	6.2	5.2	5.6
Normal Child	4	1	5	12	5	17	-	-	-	-	-	-	13	25	38	29	31	60	6.9	6.2	6.5
Examination or Test Only	-	7	7	-	2	2	13	18	31	-	-	-	39	36	75	52	63	115	12.3	12.6	12.5
Organic Disease	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-	2	1	3	.5	.2	.3
TOTALS	34	76	110	108	109	217	58	47	105	75	54	129	148	214	362	423	500	923	100.0	100.0	100.0
TOTALS - Table 6	90	52	142	223	135	358	36	19	55	1	-	1	11	16	27	361	222	583	13.8	14.1	13.9
- Table 7	446	197	643	1,041	479	1,520	178	83	261	19	26	45	158	74	232	1,842	859	2,701	70.1	54.3	64.2
- Table 8	34	76	110	108	109	217	58	47	105	75	54	129	148	214	362	423	500	923	16.1	31.6	21.9
GRAND TOTALS	570	325	895	1,372	723	2,095	272	149	421	95	80	175	317	304	621	2,626	1,581	4,207	100.0	100.0	100.0

*Mental Deficiency - Hereditary and Idiopathic but not as a secondary diagnosis. **Percentage - M=% of Total New Males, F=% of Total New Females, T=% of Total New Cases.

TABLE 9
SOURCES REFERRING NEW CASES TO CLINICS

Referral Source	Calgary and District			Edmonton and District			Lethbridge, Medicine Hat and District			Ponoka and District			Red Deer and District			Totals			Percentage of Totals*		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Schools and School Authorities	127	60	187	583	235	818	35	15	50	7	24	31	60	20	80	812	354	1,166	30.9	22.4	27.7
Private Doctors and Medical Clinics	93	55	148	182	108	290	41	25	66	76	36	112	82	130	212	474	354	828	18.1	22.4	19.7
Medical Clinics, Rehabilitation, Cerebral Palsy, TB, O.P.D.	6	5	11	11	3	14	-	-	-	-	-	-	18	22	40	35	30	65	1.3	1.9	1.5
Health Units, Public Health Nurses, M.O.H.	84	44	128	68	45	113	77	35	112	1	2	3	31	18	49	261	144	405	9.9	9.1	9.6
Child Welfare - Provincial and Municipal	121	77	198	92	75	167	18	7	25	-	-	-	26	29	55	257	188	445	9.8	11.9	10.6
Juvenile and Family Court, Gaols, Bowden Institute	11	5	16	44	9	53	16	3	19	1	-	1	11	8	19	83	25	108	3.2	1.6	2.6
Parents, Relatives, Friends, Self	111	70	181	337	204	541	66	49	115	10	18	28	67	68	135	591	409	1,000	22.5	25.9	23.8
Dept. of Health (Prov.)	4	5	9	3	-	3	1	-	1	-	-	-	-	-	-	8	5	13	.3	.3	.3
Other	13	4	17	52	44	96	18	15	33	-	-	-	22	9	31	105	72	177	4.0	4.5	4.2
TOTALS	570	325	895	1,372	723	2,095	272	149	421	95	80	175	317	304	621	2,626	1,581	4,207	100.0	100.0	100.0

*Percentage M=% of Total New Male Cases, F=% of Total New Female Cases, T=% of Total New Cases

TABLE 10
MAJOR RECOMMENDATIONS MADE IN REGARD TO NEW CLINIC CASES

Recommendation	Calgary and District			Edmonton and District			Lethbridge, Medicine Hat and District			Ponoka and District			Red Deer and District			Totals			Percentage of Totals		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Admission to:																					
(a) Mental Hospital	-	1	1	-	1	1	-	-	-	5	6	11	8	6	14	13	14	27	.5	.9	.6
(b) Alberta School Hospital and Deerhome	14	9	23	27	30	57	6	4	10	-	-	-	2	2	4	49	45	94	1.9	2.9	2.2
Placement in Protective or Correctional Home or Institution	13	11	24	11	6	17	2	-	2	-	-	-	-	1	1	26	18	44	1.0	1.1	1.1
Placement in Foster Home	25	19	44	29	21	50	1	-	1	-	1	1	1	-	1	56	41	97	2.1	2.6	2.3
Educational Advice, Modified Program, Spec. Class, Vocational	52	21	73	282	133	415	18	17	35	2	3	5	77	34	111	431	208	639	16.4	13.2	15.2
Educational Advice, Other	23	6	29	117	28	145	7	2	9	2	6	8	1	-	1	150	42	192	5.7	2.7	4.6
Modified Home Management	192	77	269	263	114	377	53	26	79	1	-	1	50	24	74	559	241	800	21.3	15.2	19.0
Referred for Medical Treatment	10	9	19	66	32	98	18	10	28	-	1	1	24	29	53	118	81	199	4.5	5.1	4.7
Treatment in Clinic	174	129	303	205	156	361	29	14	43	82	62	144	129	174	303	619	535	1,154	23.6	33.8	27.4
Other	67	43	110	372	202	574	138	76	214	3	1	4	25	34	59	605	356	961	23.0	22.5	22.9
TOTALS	570	325	895	1,372	723	2,095	272	149	421	95	80	175	317	304	621	2,626	1,581	4,207	100.0	100.0	100.0

TABLE 11
SUMMARY OF NUMBER OF MENTAL DEFECTIVES EXAMINED BY YEARS

Year	Severe I.Q. Below 50			Moderate I.Q. 50 - 70			Mild I.Q. 70 - 85			Unspecified			Totals			Percent of New Cases	Cumulative Totals
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
										Number of Mental Defectives Examined to 1958							5,266
1958	16	11	27	38	29	67	119	80	199	24	27	51	197	147	344	18.7	5,610
1959	13	10	23	56	44	100	159	121	280	27	15	42	255	190	445	22.3	6,055
1960	3	1	4	37	34	71	137	98	235	20	11	31	197	144	341	16.2	6,396
1961	13	14	27	40	33	73	154	118	272	55	38	93	262	203	465	20.2	6,861
1962	10	9	19	51	42	93	142	106	248	46	40	86	249	197	446	16.9	7,307
1963	20	10	30	59	48	107	194	142	336	76	53	129	349	253	602	20.0	7,909
1964	60	62	122	148	117	265	356	196	552	49	37	86	613	412	1,025	29.5	8,934
1965	71	43	114	150	124	274	262	183	445	66	57	123	549	407	956	25.6	9,890
1966	80	56	136	144	101	245	327	170	497	53	31	84	604	358	962	24.2	10,852
1967	78	64	142	150	109	259	327	175	502	146	115	261	701	463	1,164	28.2	12,016
1968	52	33	85	102	90	192	291	177	468	88	63	151	533	363	896	21.3	12,912

I.Q. - Intelligence Quotient
M - Male, F - Female, T - Total
Includes cases of mental deficiency secondary to primary diagnosis

ALBERTA GUIDANCE CLINIC, CALGARY

N. C. Horne, M.B., M.R.C.S., D.P.M., Director

The professional staff at the year's end numbered 20 full-time and six half-time. Of these, only 11 full-time and five half-time members had a continuous service of over 12 months. The staff deficit was 18.41% of the minimum required for efficient service operation. It continued to be difficult to obtain trained senior staff. This was reflected in two unfilled medical officer positions and two unfilled senior psychologist positions. The medical officer trainee completed his training in June and attained his certification as a specialist in psychiatry in December. The total professional staff interchange over the year involved 18 people.

By arrangement with the University of Calgary, two B.A. psychologists carried out a clinical research project under the supervision of the Clinic senior psychologist over the four summer months; and two psychology students served a clinical internship during the four summer months. By arrangement with the University of Calgary, Educational Psychology Department, student groups attended the Clinic for five half-day sessions during the year, four sessions being for observation of intake procedure followed up by attending the intake conference; one session was in relation to play therapy (observation and discussion).

By arrangement with the University of Calgary, School of Social Welfare, from September four second year students from the School attended the Clinic for a period of two and one-half days a week. This attendance formed a part of the students' curriculum requirements (field work) and was under joint supervision.

By arrangement with the School of Nursing, Foothills Hospital, Calgary, student nurses during their tour of duty on the psychiatric ward attended the Clinic twice, first for observation of an intake and second to follow-up the intake at case conference. Before attending each group of nurses starting a tour of duty on the psychiatric ward (a new group every two months) was given a talk by the Clinic Director on the history, purpose and operation of the Clinic.

A request was received from the Director, Department of Paediatrics, Foothills Hospital, Calgary, for the internes of the Hospital, during their tour of duty in this Department, to observe and participate in the Clinic intake and therapy programmes. A request was received from the Mount Royal Junior College, Calgary, for placement in the Clinic of students from the Social Work Aide course for the purpose of field work experience. Both requests had to be refused because of the shortage of trained staff capable of supervising and assisting in such programmes as well as the time factor involved in preparing and carrying out of the programmes.

The Psychiatric and Educational Centre for psychotic and seriously disturbed children expanded its facilities through the addition of a second portable classroom in June. The second portable classroom, like the first, was made available by the Calgary School Board, which also increased the teaching staff at the Centre to a total of two teachers. Two recreational therapist assistants came on staff during the year on a half-time basis. Two psychiatric social workers (each with B.Sc. (N)) worked part time at the Centre. The Centre operated on a full day, five day a week basis, and from September accommodated 15 youngsters. The willing participation of the Calgary School Board must be acknowledged; and also the many volunteers who have assisted in the Centre's programme and without whose assistance and participation the success of the Centre could not have been achieved.

SUMMARY OF NEW AND RE-REGISTERED CASES AND WORK LOAD

Clinic Centre	New Cases	Re-Registered	Increase (Decrease)	Work Load
Calgary	839	730	+335	35,821
Drumheller (Three Hills) . .	46	40	+29	588
Hanna	10	19	+3	186
Total	895	789	+367	36,595

Although the staff establishment was increased by three for the year, the actual number of staff on strength at the year's end was up by one only over 1967. In spite of the small increase in staff numbers the workload was increased by 6,887 work units and the hours spent on therapy increased by 3,526 hours. This increase again reflected the serious and difficult types of cases being referred to the Clinic and the greater need for intensive treatment, consultation and follow-up procedures.

AGE AND SEX DISTRIBUTION OF NEW CASES

Age Distribution	Male	Female	Total	Percentage
0-5/11	90	52	142	15.87
6-10/11	253	103	356	39.78
11-15/11 . . .	193	94	287	32.06
16-20/11 . . .	24	32	56	6.25
21-30/11 . . .	4	21	25	2.80
31-50/11 . . .	6	21	27	3.02
51 and over . .	-	2	2	.22
Total	570	325	895	100.00

The ratio of male to female cases is 1.75:1

There were 222 mental defectives examined of whom 24 were recommended for admission to the appropriate institution.

Two emotionally disturbed adolescents were admitted to the Psychiatric Ward, Foothills Hospital, Calgary.

One emotionally disturbed child was admitted to the Diagnostic and Treatment Centre, Edmonton.

Two emotionally disturbed children were admitted to Linden House, Red Deer.

Two emotionally disturbed children were admitted to the Unit for Emotionally Disturbed Children, University Hospital, Edmonton.

One adult was admitted to the Psychiatric Ward, Calgary General Hospital.

Two emotionally disturbed boys were admitted to the Don Bosco Home, Calgary.

Treatment Cases: There were 269 cases recommended to be dealt with on modified home management lines and 303 cases were recommended for intensive treatment consideration in the Clinic.

Treatment carried out in the Clinic: 256 cases were treated of which 12 were on drug therapy. The sex distribution was female to male 137 to 119 or 1.15:1.

New cases	133
Old cases continued in 1968	123
Total	256
Individual therapy	187
Group therapy	69
Total	256

TREATMENT CASES TERMINATED IN 1968

Much improved	13
Improved	57
Not improved	43
Continued into 1969 –	143

ANALYSIS OF TIME SPENT IN THERAPY HOURS

	Psychiatrists	Psychologists	Social Workers	Total
Individual therapy	701	1668	1393	3762
Group therapy	104	449	1572	2125
Family therapy	89	29	65	183
Possible treatment cases	207	1514	1812	3533
Extended counselling	121	151	205	477
Total	1222	3811	5047	10,080

THE "POSSIBLE TREATMENT" CASES

Number of cases carried from 1967	195
Number of cases added in 1968	541
Total	736
Number of cases closed	
Improved	200
Transferred to follow-up	33
Transferred to another agency	54
Transferred to intensive treatment	43
Moved away	31
Refused contact	94
Total	455
Number of cases continued into 1969	281

Ninety-nine cases were transferred from one worker to another because of staff changes.

Analysis of cases receiving treatment in Clinic

Cases receiving intensive treatment	256
Cases on "possible treatment"	736
	992
Less "possible treatment" cases transferred to intensive treatment	43
Total number of cases receiving treatment	949
Total cases seen in Clinic in 1968	1684
Percentage of cases receiving intensive treatment (256 cases)	15.20
Percentage of cases on "possible treatment" (693 cases)	41.15
Total percentage of cases on treatment	56.35

Due to the shortage of qualified and adequately trained staff and the number of cases referred to the Clinic that were of such a disturbed nature, many cases were being carried on a "possible treatment" basis but should have been on intensive treatment.

Because of the shortage of qualified and adequately trained staff, a heavy burden was placed on the senior staff to cope with the service commitment alone. When the requests were met on a very reduced scale to those asked for in regard to University and other student body training in the Clinic, the senior staff was faced with an almost impossible task. The man hour system of recording which was implemented in 1968, verifies this in a factual manner.

	Overall Professional Staff	Senior Staff
Time Spent on Service	79.59	67.77
Time Spent on Administration	9.12	29.52
Time Spent in Education	9.38	6.02
Time Spent on Instruction	.42	1.26
Time Spent on University Student Training	.34	2.06
Time Spent on Hospital Cases	.06	.36
Time Spent on Research	.44	.72
Time Spent Unaccounted	.65	-
	100.00%	107.71%

These were percentages of the available Clinic time and do **not** include activities undertaken outside Clinic time. Three hundred & eighty-two hours were spent on activities outside Clinic time by the senior staff which equated to 52 3/4 working days.

PUBLIC AND EDUCATIONAL ACTIVITIES

Public Education	16 public addresses and panels
Special Education and Agency	57 addresses, seminars and panels
Special Clinic Visitors	5 distinguished visitors

ALBERTA GUIDANCE CLINIC, EDMONTON

Wm. Bobey, B.Sc., M.D., C.R.C.P. (C), Director

In 1968, the Edmonton Guidance Clinic increased its staff by two Psychologists, one Psychiatric Social Worker and one Recreation Therapy Aide, and one Psychiatric Social Worker was added to the Grande Prairie Sub-Office. Three Psychiatric Social Workers returned from educational leave-of-absence, two with Master of Social Work Degrees and one with a Bachelor of Social Work. Two Psychologists received Master's Degrees, one of whom had been on educational leave-of-absence.

Travelling Clinics continued to account for a sizable portion of the workload. The Edmonton staff devoted 97 days to rural Clinics and an Edmonton Clinic Psychiatrist with the Grande Prairie Sub-office staff travelled an additional 60 days. Approximately half (48%) of the new cases seen by the Edmonton Clinic were as a result of travelling clinics.

The Clinic travel teams endeavoured to improve communication and understanding with the Health Units, their main source of contact in the field. In this regard the teams reported the following:

> The teams wanted to become more involved with the community in planning continuing service with the resources available. This has worked out well, especially in Edson, Hinton, and Athabasca. We have involved A.R.D.A. personnel, Welfare Officers, Guidance Counsellors, teachers, school principals, health nurses and clergymen.
>
> We also wanted to strengthen communication with Health Units through continuity of team members. We have found this most successful, with the Edson and Athabasca Units, and are now seeing the results. Some improvement was noted in the quality of the referrals, and there is a growing acceptance of the Clinic's consultative role with our increased contact with patients.

Communication Conferences were initiated for both the Vegreville and Wetaskiwin districts and our representatives attended both of them. It now appears that the process of communication has improved very significantly.

Tabular summary of new and re-registered cases, indicating increase or decrease from previous year, and total workload for each Clinic Centre follows:

Clinic Centre	New Cases	Re-registered	Increase Decrease	Workload
Athabasca . . .	48	21	+29	480
Barrhead . . . Thorhild . . . Westlock . . .	36	4	–5	237
Bonnyville . . .	64	12	+22	376
Camrose, Killam	39	8	+1	174
Edmonton . . .	847	308	–230	26,362
Edmonton Rural	241	11	+37	159
Edson	57	15	–10	446
Fort McMurray	33	3	–11	148
Holden	7	2	–3	67
Lac La Biche .	25	2	–3	141
Lamont	7	9	+4	34
Peace River-Grande Prairie	470	172	+107	2,962
Smoky Lake . .	2	1	+3	11
St. Paul	32	8	+16	200
Two Hills . . .	7	4	+4	74
Vegreville . . .	32	10	+8	189
Vermilion . . .	30	10	–33	248
Wainwright	34	6	–18	190
Wetaskiwin . .	32	17	+7	186
Yukon Territory	-	-	-	-
N.W. Territories	52	4	+13	261
	2,095	627	–84	32,945

The total number of cases seen in 1968 showed a very small decrease over the previous year but the service of the Clinic has increased much more in quality of sophistication of consultation and more intensified treatment. This quality of service does entail more staff time per case.

Table of age and sex distribution of new cases showing the percentage of new cases:

Age	Male	Female	Total	Percentage
0-5/11	223	135	358	17.09
6-15/11	1041	479	1520	72.55
16 and over . .	108	109	217	10.36
TOTAL	1372	723	2095	100.00

Ratio of male to female cases 1.89 to 1.

Seven group therapy projects were conducted. Three adolescent groups, with 14 sessions per group and one mothers' group of 12 sessions.

The Clinic Intake department underwent a major reorganization. The objective of the Intake department was to ensure that cases seen at the Guidance Clinic were appropriate referrals and that all necessary and pertinent information regarding a particular case be available prior to the initial appointment. This was achieved by a screening process carried out by a qualified senior worker and by means of Public Education and functional community liaison. A position of Social Worker III was established for this purpose. Crises or Emergencies were dealt with by the Intake Social Workers as quickly as possible. The majority of emergency appointments were booked with these social workers, however, other Clinic staff were often involved. Public Education was carried out in a number of ways. Part of this was done over the phone when parents or interested people called in with general or specific questions related to child development, guidance or resources for children. Another function was lectures and demonstrations offered to such people as Student Nurses, personnel from other agencies and interested citizens' groups. This was carried on both within the Clinic and without.

Community Liaison involved meeting and establishing relationships with personnel from other agencies which served as referral sources and resources. This was accomplished by visits to other agencies and inviting other people to visit the Guidance Clinic. Consultation was very much tied in with the concepts of public education and community liaison. This involved the giving of advice or support to procedures carried out by other resources.

The Day Centre operation expanded and developed in refinement. The initial objective was to provide a setting suitable for diagnosing and treating the group aged 3 to 7 years, where an office situation might be threatening and the usual interview and testing techniques might be overwhelming. It was felt that a setting attractive to a child of this age, plus sessions which would permit adaptation, would result in more valid assessments. Of the 109 cases seen in the Day Centre during 1968, 91 cases fell within this age range with the average age being 5.1 years.

Summary

No. of cases between 3 and 7 inclusive	91
No. of cases under 3	6
No. of cases over age 7	12
TOTAL CASES	109

Average Age of Cases seen 5.1 years.

A second objective was to attempt a psychological evaluation of children untestable in other situations. This objective particularly referred to cases seen in the Day Centre who were labeled "untestable". Here, the focus was on adaptation sessions which might eventually permit an assessment or observation techniques in a variety of situations which would result in an estimate of the child's present functioning. In 1968, 18 cases out of the total 109 cases seen were placed in this category. A third function during 1968, was to work with young deaf children in conjunction with the referring agency, either the Pre-School Deaf Clinic or the Alberta School for the Deaf. The concern in these cases was generally to establish a fairly accurate picture of the child's present functioning, both mentally and socially, and to attempt to deal with behavior problems which interfere with the child's functioning within the schools. A close liaison was maintained with the referring school. Of the cases seen by the Day Centre in 1968, 9 were of this type. A fourth function included cases in which the child was assessed in the Day Centre with a view to determining and subsequently referring to another agency or individuals, for more appropriate treatment and/or placement. The goal in such cases was to determine through observation, interviews, testing, and in some cases, treatment, which placement would benefit the child the most. Of the cases seen last year, 37 fell in this category.

ALBERTA GUIDANCE CLINIC, LETHBRIDGE

D. L. Chipman, B.Sc., M.S.W., Acting Director

At the beginning of January, 1968, the professional staff consisted of one full-time psychiatrist, two full-time psychologists and three full-time social workers. During the year Dr. J. Bower, Clinic Director, and one social worker resigned and one psychologist transferred to the Guidance Clinic in Edmonton; also during the year two full-time and one half-time psychologists and two full-time social workers were hired on staff. At the end of the year the professional staff consisted of three full-time psychologists and one half-time psychologist and four full-time social workers. Clinics were held at all of the centres shown on the table below with the exception of Warner: Clinics were started in Brooks during the year. The Clinics outside of Lethbridge and Medicine Hat were held primarily for diagnostic purposes and people requiring therapy usually came to the two larger centres for it. At the Lethbridge and Medicine Hat Clinics, besides diagnostic services; vocational testing and individual, marital and family counselling services were given. Talks were given to professional and lay groups in the district.

Since the Clinic Director resigned in June, the Clinic has been working closer with family doctors with respect to clients' medical needs.

Good working relations existed with all agencies with which the Clinic was associated. These included provincial and local social agencies, schools, Medical Officers of Health and private practitioners.

SUMMARY OF NEW AND RE-REGISTERED CASES AND WORKLOAD

Clinic Centre	New Cases	Re-Registered Cases	Increase or Decrease	Work-Load
Brooks	14	4	+14	90
Cardston	4	5	−21	32
Crowsnest Pass	9	8	−14	60
Lethbridge	319	227	+33	3,942
Medicine Hat	54	98	−30	678
Pincher Creek	6	3	−22	50
Vulcan	15	22	−10	194
Warner	-	-	−3	-
TOTALS:	421	367	−53	5,046

AGE AND SEX DISTRIBUTION OF NEW CASES

Age	Male	Female	Total	Percentage
0-5/11	36	19	55	13.06
6-15/11	178	83	261	62.00
16 & over	58	47	105	24.94
TOTALS:	272	149	421	100.00

The ratio of total male to female cases was 272 to 149 or 1.8:1.

ALBERTA GUIDANCE CLINIC, PONOKA

D. L. Phillips, M.D., Spec. Psych., R.C.P.S. (C), Acting Director

During 1968 Guidance Clinics were again conducted by various members of the staff of the Alberta Hospital, Ponoka, on a part-time basis. The work load was divided as follows: Psychiatrist – 701 interviews; Psychologist – 71 interviews, with a work load of 772.

Adults and children were seen from Ponoka and Rimbey districts, and an increasing number of adults and adolescents were seen from Wetaskiwin, Red Deer and Lacombe. Clinics for children were held at the Wetoka Health Unit as often as possible. A number of children, adolescents and parents were also seen at the hospital by doctors and psychologists. Discussions were held with teachers and school counsellors.

SUMMARY OF WORKLOAD

New Cases	Re-Registered Cases	Decrease	Workload
95	80	26	772

All patients referred were seen for consultation and one doctor continued to devote one-half day a week to adult out-patients but psychiatrists did not have enough time to offer adequate follow-up treatment. In December, three psychiatrists involved in out-patient work left the staff.

TABLE OF NEW CASES – AGE AND SEX DISTRIBUTION

Age	Male	Female	Total	Percentage
0-5/11	1	-	1	.57
6-15/11	19	26	45	25.71
16 and over	75	54	129	73.72
Total	95	80	175	100.00

Ratio $\frac{\text{of Male}}{\text{Female}} = \frac{95}{80} = 1.2:1$

ALBERTA GUIDANCE CLINIC, RED DEER

J. B. Haigh, M.B., Ch.B., D.P.M., Spec. Psych., C.R.C.P. (C), Director

The staff of the Alberta Guidance Clinic, Red Deer, is stabilized at one psychiatrist, a senior psychologist, junior psychologist, social worker, secretary and clerk-typist, and all positions were filled throughout the year. A temporary social worker's position for summer relief work was filled again this summer.

The clinic moved to new quarters at 306 Professional Building on October 15th. Although, the available space is slightly less than previously occupied, the area can be more efficiently utilized, is more convenient for patients, and is much brighter and more attractive. An elevator service and efficient air conditioning contribute to convenience and comfort, and patients and staff are pleased with the new location.

In addition to 751 patients seen in the full-time clinic in Red Deer, 57 patients were seen in clinics held in Rocky Mountain House, Stettler and Didsbury, and 15 patients were seen in special clinics held in Hobbema. The clinic psychiatrist again attended Deerhome on a weekly basis in a consultative capacity, as well as lecturing in the training program there. The clinic psychologist and social worker contributed to this program also.

Referrals were received from the Juvenile and Family Courts, Bowden Institution, Social Service Department of the City of Red Deer, Provincial Welfare Department, Alcoholism Foundation, Family Service Bureau, Schools and Medical Clinics, the John Howard Society, and Canada Manpower Centre. Many self-referrals were received.

The case load is now about constant from year to year, and can be considered the maximum capacity for the clinic with its present personnel and space. There was a definite increase in the number of children and adults seen for treatment by all members of the Clinic staff. However, the therapy service is quite inadequate, as treatment is so time consuming, and there is a limit to what a small staff can undertake. The clinic must be regarded as mainly a consultative agency. The undernoted table indicates the number of interview and psychotherapy sessions held in the Red Deer and out of town clinics:

Clinic Centre	New Cases	Re-Registered Cases	Increase or Decrease	Work-Load
Didsbury . . .	17	0	+10	118
Red Deer . . .	577	174	+58	4372
Rocky Mountain House . . .	12	2	−13	98
Stettler	15	11	−8	174
Total	621	187	+47	4762

The age and sex distribution of new cases was as follows:

Age	Male	Female	Total	Percentage
0-5/11	11	16	27	4.34
6-15/11	158	74	232	37.36
16 and over . .	148	214	362	58.30
Total	317	304	621	100.00

Seventy-two patients were seen on a consultative basis at the Red Deer General and Auxiliary Hospitals, eighty electro-convulsant treatments were administered and six courses of insulin therapy were given. The recent expansion of the Red Deer General Hospital two months ago, by the addition of 80 beds, giving a total of over 300, has brought about an increase in clinic referrals, and in addition, beds are now more freely available for inpatient observation and treatment of children and adults, seen initially in the clinic. The director is currently attempting to obtain active admitting privileges to the Red Deer General Hospital and the Red Deer Auxiliary Hospital so that psychiatry can be on a similar footing in the hospitals to other specialties.

The clinic is increasingly integrating into the medical facilities, as well as the social and educational establishments in the area, and within the limitations of the staff position, attempting to be a comprehensive community Mental Health Centre.

ACTIVE TREATMENT HOSPITALS

ALBERTA HOSPITALS – EDMONTON AND PONOKA

During 1968 there was a slight increase in the number of patients admitted to each hospital in 1967, 104 patients representing 2.99% of 1967 admissions.

Discharges from the Alberta Hospital, Edmonton, were 2,388, an increase of 189 over the previous year. Discharges from the Alberta Hospital, Ponoka, were fourteen less than the previous year.

At the end of the year the number of patients in both hospitals was 1,878, a decrease of 38.6% since 1955.

Although each of the active treatment hospitals serve an area of almost equal population the number of admissions to the Alberta Hospital, Edmonton, were 980 more than at the Alberta Hospital, Ponoka, in spite of the fact there were twenty-six psychiatrists in part or full-time practice in the City of Edmonton as against seventeen in the City of Calgary.

Tables 21 and 33 show the geographic origin of patients admitted to each hospital.

A comparison of the methods of admission to each hospital shows that the percentage of voluntary admissions to the Alberta Hospital, Edmonton (58.9%) is higher than at the Alberta Hospital, Ponoka (45.8%) and the number of urgent admissions to the hospitals is greatest from the Cities of Edmonton (6.2%) and Calgary (12.79%) of total admissions. The number of admissions by warrant for examination (Section 8) is six times greater in Edmonton than to Ponoka, while remands from the court for observation at Edmonton are approximately twice those at Ponoka. Admissions from gaols or penitentiaries represent only 3% of total admissions.

A study of the diagnostic classification of patients admitted for the first time, readmitted and of the patient population at the end of the year shows a remarkable similarity for each hospital.

Diagnosis	1st Admission Edmonton	1st Admission Ponoka	Readmission Edmonton	Readmission Ponoka	Hosp Population Edmonton	Hosp Population Ponoka
Schizophrenia	17.5%	15.6%	32.5%	38.5%	48.5%	48.6%
Alcoholism without Psychosis	18.2%	14.0%	27.8%	7.6%	3.8%	1.9%
Pathological Personality	11.8%	11.7%	8.2%	10.6%	3.4%	2.2%
Neurotic Depression	6.2%	9.3%	3.5%	7.1%	1.2%	2.2%
Psychosis with Cerebral Arteriosclerosis	7.8%	8.6%	2.6%	.9%	7.4%	6.9%
Senile Psychosis	3.3%	6.2%	.4%	.3%	7.8%	6.0%

Consolidated tables of the active treatment hospitals for diagnosis on first admission, readmission, age and sex or admission and diagnosis of patients in residence are shown in Tables 12, 13, 14 and 15, following which are the detailed reports of each hospital with new tables showing the geographic source of admissions to the hospital.

TABLE 12
TOTAL FIRST ADMISSIONS BY PSYCHIATRIC DIAGNOSIS
ALBERTA HOSPITAL, EDMONTON
ALBERTA HOSPITAL, PONOKA

DIAGNOSTIC CLASSIFICATION	Male	Female	Total	%
General Paralysis of the Insane	-	1	1	.1
Schizophrenia (All Categories)	175	115	290	16.7
Manic Depressive (All Categories)	19	41	60	3.5
Involutional Melancholia	11	18	29	1.7
Paranoia and Paranoid States	17	13	30	1.7
Senile Psychosis	41	35	76	4.4
Pre-Senile Psychosis	8	1	9	.5
Psychosis with Cerebral Arteriosclerosis	95	46	141	8.1
Alcoholic Psychosis	35	7	42	2.4
Psychosis of Other Demonstrable Etiology	10	6	16	.9
Other and Unspecified Psychoses	25	12	37	2.1
Anxiety Reaction	13	14	27	1.6
Hysterical Reaction	5	6	11	.6
Obsessive-Compulsive Reaction	-	1	1	.1
Neurotic Depressive Reaction	58	70	128	7.4
Other and Ill-defined Vascular Lesions Affecting the Central Nervous System	1	-	1	.1
Other and Unspecified Psychoneurotic Reactions	13	33	46	2.6
Pathological Personality (All Categories)	160	44	204	11.7
Immature Personality	37	35	72	4.1
Alcoholism Without Psychosis	254	37	291	16.8
Other Drug Addiction	12	5	17	1.0
Primary Childhood Behaviour Disorders	5	6	11	.6
Mental Deficiency Without Psychosis	28	19	47	2.7
Other and Unspecified Disorders of Character Behaviour and Intelligence	27	29	56	3.2
Paralysis Agitans	1	-	1	.1
Epilepsy	8	4	12	.7
Puerperal Psychosis	-	9	9	.5
Other Diseases of Brain	1	-	1	.1
Mental Observation Without Need for Psychiatric Care	33	6	39	2.2
Senility Without Mention of Psychosis	12	12	24	1.4
Depression	3	3	6	.3
Postencephalitic Psychosis	1	-	1	.1
TOTALS	1,108	628	1,736	100.0

TABLE 13
TOTAL READMISSIONS BY PSYCHIATRIC DIAGNOSIS
ALBERTA HOSPITAL, EDMONTON
ALBERTA HOSPITAL, PONOKA

Diagnostic Classification	Male	Female	Total	%
General Paralysis of the Insane	1	1	2	.1
Schizophrenia (All Categories)	365	272	637	34.6
Manic Depressive (All Categories)	46	71	117	6.3
Involutional Melancholia	13	25	38	2.1
Paranoia and Paranoid States	15	12	27	1.5
Senile Psychosis	3	4	7	.4
Pre-Senile Psychosis	4	1	5	.3
Psychosis with Cerebral Arteriosclerosis	28	9	37	2.0
Alcoholic Psychosis	38	5	43	2.3
Psychosis of Other Demonstrable Etiology	19	12	31	1.6
Other and Unspecified Psychoses	14	20	34	1.8
Anxiety Reaction	20	17	37	2.0
Hysterical Reaction	6	3	9	.5
Neurotic Depressive Reaction	42	45	87	4.7
Other and Ill-defined Vascular Lesions Affecting the Central Nervous System	1	-	1	.1
Other and Unspecified Psychoneurotic Reactions	13	31	44	2.4
Pathological Personality (All Categories)	122	44	166	9.0
Immature Personality	15	23	38	2.1
Alcoholism Without Psychosis	328	55	383	20.8
Other Drug Addiction	3	2	5	.3
Primary Childhood Behaviour Disorders	1	1	2	.1
Mental Deficiency Without Psychosis	13	11	24	1.3
Other and Unspecified Disorders of Character, Behaviour and Intelligence	15	12	27	1.4
Epilepsy	9	9	18	1.0
Puerperal Psychosis	-	5	5	.3
Other Diseases of Brain	2	-	2	.1
Mental Observation Without Need for Psychiatric Care	5	1	6	.3
Senility Without Mention of Psychosis	-	1	1	.1
Depression	6	3	9	.5
TOTALS	1,147	695	1,842	100.0

TABLE 14
AGES ON ADMISSION AND RE-ADMISSION
ALBERTA HOSPITAL, EDMONTON
ALBERTA HOSPITAL, PONOKA

AGES	FIRST ADMISSIONS Male	Female	Total	RE-ADMISSIONS Male	Female	Total	TOTAL Male	Female	Total	%
Under 15 yrs	9	17	26	-	4	4	9	21	30	.8
15-19 yrs	110	73	183	40	22	62	150	95	245	7.0
20-24 yrs	132	85	217	86	53	139	218	138	356	9.9
25-29 yrs	110	69	179	112	71	183	222	140	362	10.1
30-34 yrs	100	67	167	132	79	211	232	146	378	10.5
35-39 yrs	115	54	169	153	74	227	268	128	396	11.1
40-44 yrs	116	51	167	154	99	253	270	150	420	11.9
45-49 yrs	105	43	148	168	91	259	273	134	407	11.4
50-54 yrs	62	31	93	112	62	174	174	93	267	7.4
55-59 yrs	44	18	62	81	50	131	125	68	193	5.4
60-64 yrs	39	16	55	49	33	82	88	49	137	3.7
65-69 yrs	38	24	62	35	24	59	73	48	121	3.4
70 & over	128	80	208	25	33	58	153	113	266	7.4
TOTAL	1,108	628	1,736	1,147	695	1,842	2,255	1,323	3,578	100.0

TABLE 15
ALBERTA HOSPITAL, EDMONTON and ALBERTA HOSPITAL, PONOKA
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS, DECEMBER 31, 1968

Diagnostic Classifications	Male	Female	Total	%
Juvenile Neurosyphilis	1	-	1	.04
General Paralysis of the Insane	22	1	23	1.09
Syphilis of Central Nervous System	1	-	1	.04
Schizophrenia (All Categories)	684	362	1,046	48.57
Manic Depressive (All Categories)	39	46	85	3.95
Involutional Melancholia	13	32	45	2.09
Paranoia and Paranoid States	43	21	64	2.98
Senile Psychosis	66	85	151	7.01
Pre-Senile Psychosis	11	18	29	1.35
Psychosis with Cerebral Arteriosclerosis	96	59	155	7.19
Alcoholic Psychosis	28	8	36	1.68
Psychosis of Other Demonstrable Etiology	45	30	75	3.48
Other and Unspecified Psychoses	28	22	50	2.32
Anxiety Reaction	9	8	17	.79
Hysterical Reaction	-	2	2	.09
Obsessive-Compulsive Reaction	2	-	2	.09
Neurotic Depressive Reaction	13	22	35	1.63
Cerebral Palsy	-	2	2	.09
Senility Without Mention of Psychosis	12	9	21	.98
Other and Unspecified Psychoneurotic Reactions	5	24	29	1.35
Pathological Personality (All Categories)	41	21	62	2.87
Immature Personality	6	7	13	.60
Alcoholism Without Psychosis	57	7	64	2.98
Other Drug Addiction	3	2	5	.24
Primary Childhood Behaviour Disorders	7	1	8	.38
Mental Deficiency Without Psychosis	33	26	59	2.74
Other and Unspecified Disorders of Character, Behaviour and Intelligence	10	9	19	.89
Paralysis Agitans	1	2	3	.13
Epilepsy	14	12	26	1.13
Puerperal Psychosis	-	4	4	.19
Other Diseases of Brain	4	1	5	.24
Mental Observation Without Need for Psychiatric Care	5	-	5	.24
Nervousness and Debility	-	4	4	.19
Other Non-Psychiatric Conditions	3	2	5	.24
Late Effects of Acute Infectious Encephalitis	-	1	1	.04
Other and Ill-Defined Vascular Lesions Affecting Central Nervous System	2	-	2	.09
TOTAL	1,304	850	2,154	100.00

ALBERTA HOSPITAL, PONOKA

J. M. Byers, M.Sc., M.D., Spec. Psych. Med. (Alta.), Cert. M.H.A. (A.P.A.), Medical Superintendent

MOVEMENT OF POPULATION

There were 1,027 patients, 633 males and 394 females, on the books at December 31, 1967. The total patient population in residence was 960, 600 males and 360 females. At December 31, 1968, there were 966 patients on the books, 622 males and 344 females, and there were 577 male and 305 female patients, a total of 882 in actual residence. There was a decrease of 98 patients in residence and a decrease of 61 patients on the books from the previous year.

Admission of Patients

During the year 826 men and 475 women were admitted, for a total of 1,301, a decrease of 12 over the preceding year. Of those admitted, 435 men and 231 women were first admissions and 389 men and 244 women were readmissions. Two male patients were transferred in from other hospitals within the Division.

Five hundred and ninety-six admissions were by voluntary application, 448 were by two medical certificates, 164 were by one medical certificate, 10 by warrant for examination, 38 were on remand for observation, 40 were admitted on transfer from gaol for observation, two were admitted under section 527, C.C.C., and one was admitted for treatment from penitentiary.

Of the 612 patients admitted by medical certificates, 255 patients or 41.6% signed voluntary forms, and 13 patients who were admitted voluntarily had to be certified (2.2%).

Separation of Patients

A total of 1,266 patients were discharged, 778 men and 488 women. This was a decrease of 14 over the previous year. Of the total discharges, 1,047 patients were discharged direct, 194 were discharged from leave, and 25 were discharged from unauthorized leave. In addition, 10 men and 13 women were transferred to other hospitals within the Division. This number included two men who were transferred to the Alberta Hospital, Edmonton, for treatment of tuberculosis. There were 73 deaths.

GENERAL HEALTH OF PATIENTS

A total of 887 accidents were reported of which 878 were considered minor. Nine patients sustained fractures, five of which were of the femur. Those patients who sustained femoral fractures were transferred to the Red Deer General Hospital for surgical treatment. There were no suicides.

There were 91 elopements, 12 involving female patients and 79 involving male patients. Most of the patients involved had been voluntary admissions.

There were no epidemics although in December there were more than the usual number of cases of influenza, but not reaching epidemic proportions.

A yearly chest x-ray survey was carried out on all patients and staff, and all patients had a chest x-ray on admission.

Beginning in March, all female new admissions between the ages of 18 and 50 were given a "Pap" Test. Of the 104 Pap smears examined, 27 or almost 26% showed positive or doubtful positive changes.

One thousand, three hundred and twenty-five patients received Typhoid and Paratyphoid inoculations and 289 had Typhoid and Paratyphoid Booster inoculations. Tuberculin Tests were given to 864 patients.

A total of 1,736 immunization injections and tests were given to staff members. These included Tuberculin tests, Smallpox vaccinations, T.A.B.T. inoculations and Diphtheria Toxoid injections.

The dietary staff had stool cultures on initial employment and every six months thereafter.

CLINICAL WORK

There was an increase in the use of group psychotherapy. Chemotherapy and Electroconvulsive treatment showed no appreciable change. More patients were involved in industrial therapy than in previous years.

Increased demands were made on the program of treatment of the alcoholic during 1968. One hundred and thirty-nine patients were treated in this program as compared to 102 in 1967.

There was some increase in the number of young people admitted. One hundred and fourteen patients, 19 years and under were admitted as compared with 99 in 1967.

The number of medical staff decreased in 1968 from a high of 16 to a low of 11.

The services of specialists such as neurologists, internists and surgeons were used to aid in diagnosis and to carry out special surgical procedures.

Members of the medical staff provided forensic services for the courts by examining 38 patients who were sent to the hospital on remand for examination. In addition, 40 prisoners from the Provincial Gaols were admitted for examination and treatment.

The Dental Department performed 5,684 dental procedures which included examinations, fillings, extractions and dentures.

The hospital has been without the services of a full-time registered pharmacist since the 1st of May, 1968. We employed relief pharmacists for a portion of the time since May, but from October, the Business Manager, who is also a pharmacist, has doubled as both. Towards the end of July an aide was hired to help in the pharmacy.

Out-Patient Services

One member of the medical staff reserved one afternoon a week for out-patient consultations. All members of the medical staff held out-patient consultations but not on a fixed schedule. No fixed schedule was possible as frequently patients presented themselves without prior appointment. It is estimated that the medical staff saw 300 patients on an out-patient basis. There were 440 contacts made with social agencies in the community.

Out of Hospital Services

A total of 108 patients were treated by specialists outside the hospital. Of these, 28 attended the Cancer Clinic and 34 were admitted to General Hospitals for treatment.

One hundred and two surgical operations were performed at this hospital, 32 of which were major and 70 minor.

Special Pathological Services

Fourteen autopsies were performed and 11 biopsies were done. The specimens were sent to the Provincial Laboratory for examination.

A total of 3,692 x-ray plates were processed by the X-Ray Department of which 3,059 were routine chest plates.

The Laboratory did 10,404 tests which included 156 electrocardiograms. One thousand, nine hundred and sixty-one specimens were sent to other laboratories for examination.

There were 212 electroencephalographic tracings done which were interpreted by a neurologist at the University of Alberta Hospital.

Nursing Services

The nursing service maintained a high standard of nursing during the year despite a shortage in staff. The nursing staff was more involved in group therapy than in previous years.

Occupational and Industrial Therapy

A total of 1,002 patients attended occupational therapy classes taking part in such activities as sewing, knitting, embroidery, leather work, copper tooling and woodwork.

Towards the end of 1968, two occupational therapists were employed. At the end of December, the occupational therapy staff consisted of two occupational therapists, four occupational therapy assistants, one occupational therapy aide and three woodworkers.

One hundred and twenty-two patients took part in industrial therapy programs.

Social Service Department

The staff of the Social Service Department of the Alberta Hospital, Ponoka, was increased by one. At the end of the year it consisted of five members. This department made 450 community visits and placed 178 patients in facilities outside the hospital such as foster homes and nursing homes.

The Out-Patient Department of the Alberta Hospital, Ponoka, located at the Foothills Hospital, Calgary, had the services of a full-time certified psychiatrist until March. From March until October 21st, members of the medical staff of this hospital visited the clinic on a twice weekly basis. On October 21st, a certified psychiatrist was employed on a half-time basis. The other staff members were a psychologist, three social workers and a secretary.

An average of 150 psychiatric appointments per month were made throughout the year.

During the year the Social Service Department conducted a total of 2,899 interviews.

A major development in 1968 was the formation of a committee bearing the title of Inter-Agency Council on After-Care. Represented on this committee are the Out-Patient Clinic, Department of Provincial Welfare, Rehabilitation Centre, Foothills Hospital Day-Care Program, Canadian Mental Health Association, Department of Immigration and Manpower, Preventive Social Services, Advance Industries and the Vocational Rehabilitation Research Institute. This committee met monthly to acquaint the discharge program staff at the Alberta Hospital with the resources available in Calgary.

Department of Psychology

Generally speaking there were four permanent staff members throughout the year with extra staff coming on during the summer months. Psychological testing continued to be a major part of the service rendered by the Department of Psychology.

During the year 435 patients were seen representing approximately 1,300 tests given. In addition, 72 cases, adults and children, were seen at the Out-Patient Department representing approximately 220 tests given.

The Psychology Department was also active in group psychotherapy sessions and in the teaching of nursing students. They also attended diagnostic and treatment conferences and medical staff seminars.

Review Panel

The Review Panel held 12 meetings at the hospital and dealt with a total of 42 complaints from 39 patients, 24 men and 15 women. This included one male patient from Rosehaven, Camrose and one male patient from Deerhome, Red Deer. The Review Panel revoked six certificates. Three patients complained twice on separate certificates.

Forty-four complaints were received by the Panel, however, two patients were discharged following filing of the complaints and before the date on which the panels were held. The majority of those complaining were diagnosed as Schizophrenic, Schizophrenic Paranoid or Paranoid.

RECREATIONAL PROGRAMS

The Recreational Department provided a variety of activities for the patients. In an average week, there were over 1,200 patients in attendance at some form of recreational activities. These activities included such physical exercise programs as volleyball, tennis, calisthenics, curling, skating and soft ball. In addition, many patients took part in what might be described as social events, including dances, ward parties, drama groups, musical appreciation classes, bingo, card parties, film shows and glee clubs.

A special program included picnics at a nearby lake and the patients of each ward attended at least one picnic during the summer.

Special rehabilitation exercises were given each morning for crippled and disabled patients.

The patients' library has a total of 3,887 books. During the year 36 new books were purchased.

Religious services were held at the hospital every Sunday conducted by the Clergy of Ponoka of various denominations.

EUGENICS BOARD

The Eugenics Board held two meetings during the year. Six cases, three male and three female, were presented and all were passed for eugenical surgery.

Four patients, two male and two female, were sexually sterilized.

FIRE PROTECTION

On May 22, 1968, the hospital obtained the services of a full-time Fire Chief.

The fire protection department was organized as follows: one Fire Chief, one Fire Captain who is in charge of the brigade in the absence of the Fire Chief, and 18 volunteer firemen who make up six crews, each with three men.

The Fire Chief inspected all areas of the hospital once monthly and submitted a report in writing to the Medical Superintendent.

Fire protection drills were held once weekly for members of the Fire Brigade, with each member of the Fire Brigade having two practices monthly.

One hundred and sixty-six staff members were instructed in methods of fire protection and evacuation of buildings in case of fire. The fire crews took turns in keeping fire watch on a 24 hour basis.

Ten fire alarms were sounded during the year, four of which were false alarms. The remaining six alarms were for fires of a minor nature such as grass fires, fires in the garbage dump and fire in furniture.

HOUSEKEEPING

The organization and number of personnel in the housekeeping department have not changed appreciably in the past year. It would appear that there is sufficient equipment but a lack of personnel to cover the hospital properly. Three male wards, three female wards, and the Occupational Therapy Building are without housekeeping staff. Despite the shortage of staff, the hospital was kept clean and attractive.

LAUNDRY AND REPAIR SERVICES

The laundry and repair services functioned efficiently throughout the year. The average volume of work per week was about 47,000 pounds of laundry.

DIETARY

The Dietary Department, although with some problems, operated quite efficiently and food service was good. There were complaints at times about the problem of keeping food hot. A flight type dishwasher was installed, however, a hot water booster was a necessity in order to get the rinse water hot enough for proper functioning.

On December 31, 1968, there were 88 people on the dietary staff as compared with 91 on December 31, 1967.

EDUCATIONAL PROGRAMS

Medical Educational Programs

The Journal Club met once weekly and was attended by the medical staff, psychologists and social workers. The members of the medical staff who were in residency training attended the weekly seminars at the University of Alberta, Department of Psychiatry.

Nursing Education

There were 348 students enrolled in the various educational programs in the School of Nursing as follows:

(1)	Four Year Combined General and Psychiatric Nursing Course	67
(2)	Three year Psychiatric Nursing Course	65
(3)	Post-Basic Course for Registered Nurses	6
(4)	Eight Week Affiliation Course	201
(5)	Teaching and Supervision Students from the University of Saskatchewan	9

Five nurses graduated in the Four Year General and Psychiatric Nursing Course and five graduated in the Three Year Psychiatric Nursing Course.

The Associate Director of Nursing Education returned to work in September from leave of absence to continue her studies during which she received the M.A. Degree in Nursing.

The staff of the School of Nursing consisted of the Director of Nursing, the Associate Director of Nursing and 12 Instructors.

All educational programs have been revised so that a greater emphasis has been placed on the human relation aspect of nursing.

In-Service Training

Forty-two ward aides and institutional attendants took part in a 26 hour orientation program.

Eleven members of the Alberta Service Corps spent three months at the hospital on various projects with the In-Service Educational Supervisor acting as Co-ordinator.

Sixteen senior nursing students received a three day planned clinical experience in administration with the Associate Director of Nursing Service and the supervisors of that area.

There were no occupational or recreational therapy students at the hospital during 1968.

One psychology intern from the University of Calgary was assigned to the hospital for a three month period and two students from the University of Alberta took part in research projects.

BUSINESS ADMINISTRATION

In August Mr. G. A. F. Jones, who had been Business Manager for many years, retired. He was replaced by a graduate of the Course in Hospital Administration at the University of Toronto who is also a qualified and licensed pharmacist.

There was approximately 50 per cent turnover in the Business Office staff but at the end of the year it seemed to stabilize and the morale was high and the work output excellent.

GARDENS AND GROUNDS

The grounds were kept in very good condition during the year. New trees were planted in the vicinity of Hopewell Building to replace trees previously planted which had died. The flower beds were attractive.

The garden operations were a source of concern since they are susceptible to the vagaries of the weather. The potatoes which were grown appear unpalatable when cooked and hence there was difficulty in selling them to other institutions. It is questionable whether or not it is economically sound to continue with the garden operations.

NEW CONSTRUCTION AND RENOVATIONS

An addition to provide more clinical office and records storage space was made to the administrative wing of Hopewell Building.

Satisfactory progress was made in the erection of a new laundry building.

VISITORS

The Director and Assistant Director of the Division of Mental Health were frequent visitors.

The members of the Board of Visitors were here in the fall.

Miss Jean Dorgan and others from the Department of Manpower and Immigration visited the hospital in November.

Many groups visited throughout the year for a tour of the hospital and heard talks and held discussions with staff members. These groups included nurses from the Royal Alexandra Hospital, Edmonton; the Alberta School Hospital, Red Deer; the Foothills Hospital, Calgary; and the Didsbury Municipal and Auxiliary Hospitals. In addition, many high school students visited the hospital in groups.

DEPARTMENT OF PUBLIC WORKS

Maintenance

The buildings were kept in good repair. Many repair jobs and minor renovations and installations were made. An extensive painting program did much to add to the attractiveness of the interior of the buildings.

Mechanical

The power plant gave good service and during the year generated a total of 5,127,100 kilowatt hours and 220,800 kilowatt hours were purchased. Natural gas consumption totalled 229,116,000 cubic feet.

CONCLUSION

One of the major problems has been the recruitment and retention of professional staff. It appears particularly difficult to recruit physicians who are willing to make a career of mental hospital work.

The difficulty in filling professional positions and a general feeling of uncertainty as to the future role of the hospital tended to lower the morale of the staff but patient morale appeared to be satisfactory.

It will be noted that on Table 13 there were 1,299 admissions compared to 1,241 in 1967, an increase of 58. Of these 58 patients a total of 11 voluntary patients were discharged from other Divisional hospitals and were admitted to the Alberta Hospital, Ponoka so that there were actually 47 more admissions from the community than in 1967.

Thanks is extended to the Director and the Assistant Director of the Division of Mental Health, the Minister of Health and the Deputy Minister of Health as well as to other officials in the Department of Health for their assistance and encouragement given during the year.

TABLE 16
ALBERTA HOSPITAL, PONOKA
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	M	F	T	Male	Female	Total
First Admissions						
Voluntary	141	84	225			
Two Medical Certificates	180	122	302			
Urgent Medical Certificate	62	21	83			
Warrant for Examination	1	2	3			
Remand for Observation	28	2	30			
From Gaol under M.H.A.	23	-	23			
From Penitentiary	-	-	-			
TOTALS				435	231	666
Re-Admissions						
Voluntary	207	164	371			
Two Medical Certificates	93	53	146			
Urgent Medical Certificate	58	23	81			
Warrant for Examination	5	2	7			
Remand for Observation	6	2	8			
Detention under Section 527,CCC	2	-	2			
From Gaol under M.H.A.	17	-	17			
From Penitentiary	1	-	1			
TOTALS				389	244	633
Transfers In				2	-	2
ADMISSION TOTALS				826	475	1,301

SEPARATIONS

Clinical Progress	M	F	T
Recovered	10	13	23
Improved	694	461	1,155
Unimproved	84	27	111
Died	49	24	73
TOTALS	837	525	1,362

Type of Separation	M	F	T
Direct Discharge	655	392	1,047
Discharge from Leave	98	96	194
Discharge from Unauthorized leave	25	-	25
Deportation	-	-	-
Transfer Out	10	13	23
Death	49	24	73
TOTALS	837	525	1,362

	Male	Female	Total
SEPARATION TOTALS	837	525	1,362
Patients on Books December 31, 1967	633	394	1,027
Patients on Books December 31, 1968	622	344	966
Patients in Residence December 31, 1968	577	305	882
Patients on Leave or Otherwise Absent December 31, 1968	45	39	84

TABLE 17
ALBERTA HOSPITAL, PONOKA
FIRST ADMISSIONS BY PSYCHIATRIC DIAGNOSIS

Diagnostic Classification	Male	Female	Total	%
Schizophrenia (All Categories)	67	36	103	15.6
Manic Depressive (All Categories)	9	10	19	2.9
Involutional Melancholia	8	3	11	1.7
Paranoia and Paranoid States	8	10	18	2.7
Senile Psychosis	20	21	41	6.2
Pre-Senile Psychosis	2	-	2	.3
Psychosis with Cerebral Arteriosclerosis	40	17	57	8.6
Alcoholic Psychosis	25	3	28	4.2
Psychosis of Other Demonstrable Etiology	7	1	8	1.2
Other and Unspecified Psychoses	9	2	11	1.6
Anxiety Reaction	3	4	7	1.1
Hysterical Reaction	3	1	4	.6
Neurotic Depressive Reaction	31	31	62	9.3
Other and Unspecified Psychoneurotic Reactions	10	23	33	5.0
Pathological Personality (All Categories)	68	10	78	11.7
Immature Personality	13	17	30	4.5
Alcoholism Without Psychosis	81	15	96	14.0
Other Drug Addiction	-	1	1	.2
Primary Childhood Behaviour Disorders	3	3	6	.9
Mental Deficiency Without Psychosis	10	6	16	2.4
Other and Unspecified Disorders of Character, Behaviour and Intelligence	13	12	25	3.8
Epilepsy	2	2	4	.6
Mental Observation Without Need for Psychiatric Care	1	1	2	.3
Senility Without Mention of Psychosis	2	2	4	.6
TOTALS	435	231	666	100.0

TABLE 18
ALBERTA HOSPITAL, PONOKA
RE-ADMISSIONS BY PSYCHIATRIC DIAGNOSIS

Diagnostic Classification	Male	Female	Total	%
General Paralysis of the Insane	1	-	1	.2
Schizophrenia (All Categories)	151	93	244	38.5
Manic Depressive (All Categories)	18	21	39	6.2
Involutional Melancholia	8	10	18	2.8
Paranoia and Paranoid States	12	10	22	3.5
Senile Psychosis	1	1	2	.3
Pre-Senile Psychosis	1	1	2	.3
Psychosis with Cerebral Arteriosclerosis	4	2	6	.9
Alcoholic Psychosis	22	5	27	4.3
Psychosis of Other Demonstrable Etiology	11	3	14	2.2
Other and Unspecified Psychoses	7	5	12	1.9
Anxiety Reaction	9	7	16	2.5
Hysterical Reaction	5	2	7	1.1
Neurotic Depressive Reaction	21	24	45	7.1
Other and Unspecified Psychoneurotic Reactions	4	18	22	3.5
Pathological Personality (All Categories)	48	19	67	10.6
Immature Personality	6	8	14	2.2
Alcoholism Without Psychosis	44	4	48	7.6
Other Drug Addiction	2	-	2	.3
Mental Deficiency Without Psychosis	4	2	6	.9
Other and Unspecified Disorders of Character, Behaviour and Intelligence	5	6	11	1.7
Epilepsy	3	2	5	.8
Other Diseases of Brain	1	-	1	.2
Mental Observation Without Need for Psychiatric Care	1	-	1	.2
Senility Without Mention of Psychosis	-	1	1	.2
TOTALS	389	244	633	100.0

TABLE 19
ALBERTA HOSPITAL, PONOKA
AGE OF PATIENTS ON ADMISSION

AGES	FIRST ADMISSIONS			READMISSIONS			TRANSFERS			TOTAL			
	M	F	T	M	F	T	M	F	T	M	F	T	%
Under 15 years . .	6	5	11	-	3	3	-	-	-	6	8	14	.2
15 to 19 years . .	47	23	70	24	11	35	-	-	-	71	34	105	8.8
20 to 24 years . .	45	32	77	34	9	43	2	-	2	81	41	122	9.4
25 to 29 years . .	49	23	72	48	18	66	-	-	-	97	41	138	10.7
30 to 34 years . .	32	22	54	45	20	65	-	-	-	77	42	119	9.2
35 to 39 years . .	42	17	59	42	28	70	-	-	-	84	45	129	10.0
40 to 44 years . .	47	25	72	52	37	89	-	-	-	99	62	161	12.4
45 to 49 years . .	40	15	55	49	32	81	-	-	-	89	47	136	11.1
50 to 54 years . .	28	12	40	34	24	58	-	-	-	62	36	98	8.5
55 to 59 years . .	16	6	22	23	23	46	-	-	-	39	29	68	5.3
60 to 64 years . .	12	3	15	17	13	30	-	-	-	29	16	45	2.5
65 to 69 years . .	13	9	22	14	10	24	-	-	-	27	19	46	2.6
70 and over	58	39	97	7	16	23	-	-	-	65	55	120	9.3
TOTAL	435	231	666	389	244	633	2	-	2	826	475	1,301	100.0

TABLE 20
ALBERTA HOSPITAL, PONOKA
ADMISSIONS AND READMISSIONS BY GEOGRAPHIC AREA

Geographic Area	Ref. No.	ADMISSIONS				READMISSIONS				TOTAL			
		Male	Female	Total	%	Male	Female	Total	%	Male	Female	Total	%
City of Edmonton	1	12	10	22	3.3	10	11	21	3.3	22	21	43	3.3
City of Calgary	2	155	85	240	36.0	138	67	205	32.4	293	152	445	34.3
City of Lethbridge	3	25	10	35	5.3	21	5	26	4.1	46	15	61	4.7
Banff National Park	4	-	2	2	.3	-	3	3	.4	-	5	5	.4
Jasper National Park	5	-	-	-	-	-	-	-	-	-	-	-	-
Alberta East Central Health Unit	6	37	23	60	9.0	13	19	32	5.1	50	42	92	7.1
Athabasca Health Unit	7	-	-	-	-	2	-	2	.3	2	-	2	.2
Barons-Eureka Health Unit	8	4	3	7	1.1	5	7	12	1.9	9	10	19	1.5
Big Country Health Unit	9	9	2	11	1.7	5	2	7	1.1	14	4	18	1.4
Chief Mountain Health Unit	10	2	2	4	.6	3	-	3	.4	5	2	7	.5
Chinook Health Unit	11	9	4	13	2.0	7	10	17	2.6	16	14	30	2.3
County of Warner Health Unit	12	3	-	3	.5	1	-	1	.2	4	-	4	.3
Drumheller Health Unit	13	18	12	30	4.5	8	5	13	2.1	26	17	43	3.3
Edson Health Unit	14	-	1	1	.1	-	2	2	.3	-	3	3	.2
Foothills Health Unit	15	9	1	10	1.5	7	3	10	1.6	16	4	20	1.5
Grande Prairie Health Unit	16	-	-	-	-	1	-	1	.2	1	-	1	.1
Leduc-Strathcona Health Unit	17	1	1	2	.3	1	-	1	.2	2	1	3	.2
Medicine Hat Health Unit	18	16	5	21	3.1	21	14	35	5.5	37	19	56	4.3
Minburn-Vermilion Health Unit	19	-	1	1	.1	1	1	2	.3	1	2	3	.2
Mount View Health Unit	20	11	7	18	2.7	12	7	19	3.0	23	14	37	2.8
North Eastern Alberta Health Unit	21	-	-	-	-	1	-	1	.2	1	-	1	.1
Peace River Health Unit	22	1	-	1	.1	-	2	2	.3	1	2	3	.2
Red Deer Health Unit	23	52	38	90	13.5	40	39	79	12.5	92	77	169	13.0
Stony Plain-Lac St. Anne Health Unit	24	-	-	-	-	1	-	1	.2	1	-	1	.1
Sturgeon Health Unit	25	-	-	-	-	-	-	-	-	-	-	-	-
Vegreville Health Unit	26	-	-	-	-	-	-	-	-	-	-	-	-
Wetoka Health Unit	27	25	18	43	6.5	47	37	84	13.3	72	55	127	9.8
Municipalities not in Health Unit	28	-	-	-	-	-	3	3	.4	-	3	3	.2
Indian Reserves	29	-	-	-	-	-	-	-	-	-	-	-	-
Other Provinces	30	17	3	20	3.0	5	1	6	1.0	22	4	26	2.0
Territories	31	-	-	-	-	-	1	1	.2	-	1	1	.1
Outside Canada	32	-	-	-	-	-	-	-	-	-	-	-	-
No Fixed Abode	33	29	3	32	4.8	39	5	44	6.9	68	8	76	5.9
TOTAL		435	231	666	100.0	389	244	633	100.0	824	475	1,299	100.0

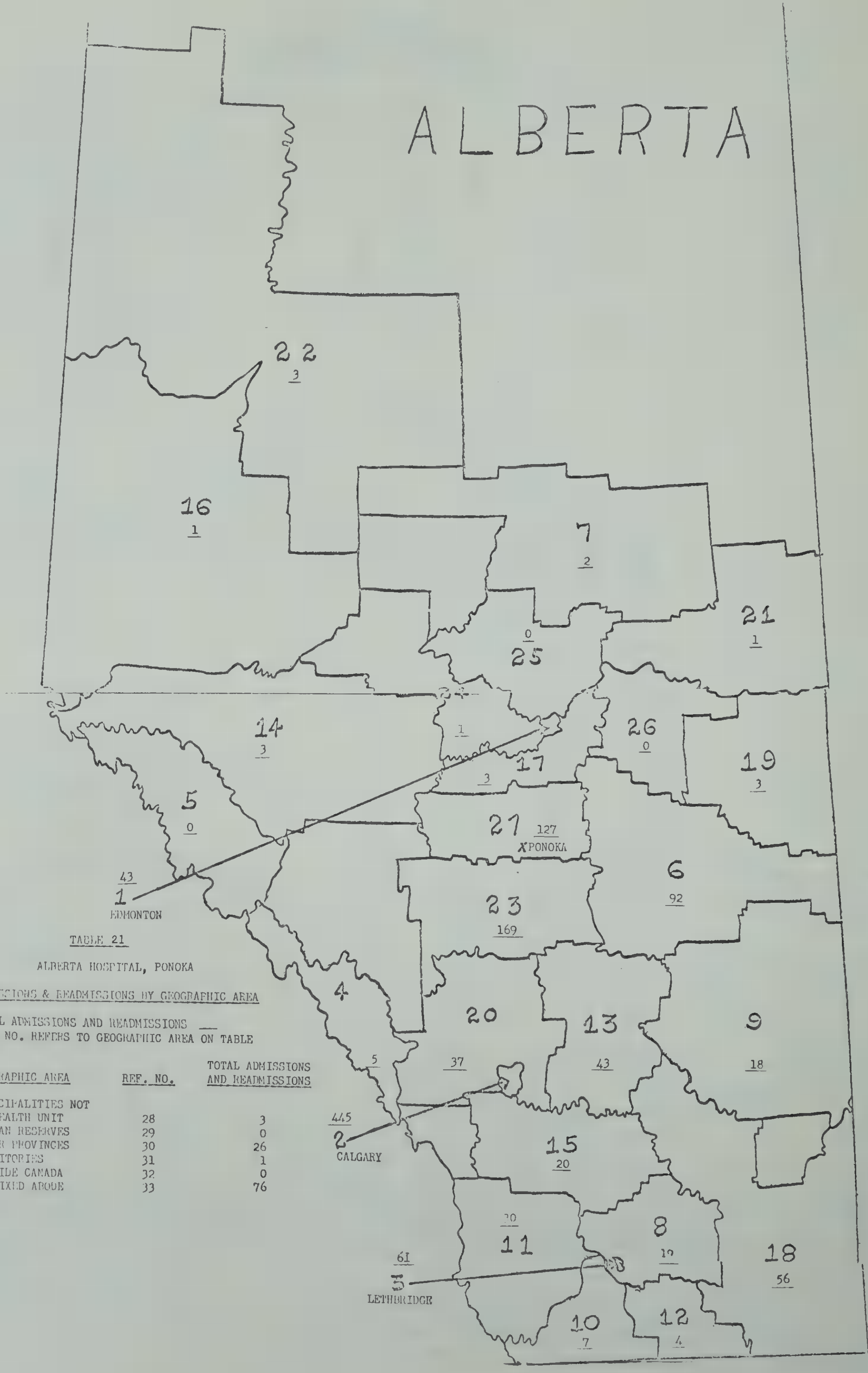


TABLE 21

ALBERTA HOSPITAL, PONOKA

ADMISSIONS & READMISSIONS BY GEOGRAPHIC AREA

TOTAL ADMISSIONS AND READMISSIONS ___
REF. NO. REFERS TO GEOGRAPHIC AREA ON TABLE

GEOGRAPHIC AREA	REF. NO.	TOTAL ADMISSIONS AND READMISSIONS
MUNICIPALITIES NOT IN HEALTH UNIT	28	3
INDIAN RESERVES	29	0
OTHER PROVINCES	30	26
TERRITORIES	31	1
OUTSIDE CANADA	32	0
NO FIXED ABODE	33	76

TABLE 22
ALBERTA HOSPITAL, PONOKA
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS, DECEMBER 31, 1968

Diagnostic Classification	Male	Female	Total	%
General Paralysis of the Insane	20	-	20	2.1
Syphilis of Central Nervous System	1	-	1	.1
Schizophrenia (All Categories)	323	146	469	48.6
Manic Depressive (All Categories)	20	17	37	3.8
Involutional Melancholia	9	8	17	1.8
Paranoia and Paranoid States	26	18	44	4.6
Senile Psychosis	20	38	58	6.0
Pre-Senile Psychosis	6	8	14	1.5
Psychosis with Cerebral Arteriosclerosis	39	28	67	6.9
Alcoholic Psychosis	21	3	24	2.5
Psychosis of Other Demonstrable Etiology	25	19	44	4.6
Other and Unspecified Psychoses	21	6	27	2.8
Anxiety Reaction	6	1	7	.7
Hysterical Reaction	-	2	2	.2
Neurotic Depressive Reaction	8	13	21	2.2
Other and Unspecified Psychoneurotic Reactions	4	12	16	1.7
Pathological Personality (All Categories)	18	3	21	2.2
Immature Personality	2	2	4	.4
Alcoholism Without Psychosis	18	1	19	1.9
Other Drug Addiction	1	1	2	.2
Primary Childhood Behaviour Disorders	3	-	3	.3
Mental Deficiency Without Psychosis	16	2	18	1.8
Other and Unspecified Disorders of Character, Behaviour and Intelligence	5	7	12	1.2
Epilepsy	7	5	12	1.2
Puerperal Psychosis	-	2	2	.2
Other Non-Psychiatric Conditions	3	2	5	.5
TOTALS	622	344	966	100.0

TABLE 23
ALBERTA HOSPITAL, PONOKA
DISCHARGES BY PSYCHIATRIC DIAGNOSIS AND CLINICAL PROGRESS

DIAGNOSIS	IMPROVED				UNIMPROVED				TOTAL			
	M	F	T	%	M	F	T	%	M	F	T	%
Congenital Syphilis	-	-	-	-	1	-	1	.9	1	-	1	.1
General Paralysis of the Insane	1	-	1	.1	-	-	-	-	1	-	1	.1
Schizophrenia (All Categories)	222	155	377	32.0	10	2	12	10.8	232	157	389	30.1
Manic Depressive (All Categories)	36	33	69	5.8	-	-	-	-	36	33	69	5.3
Involutional Melancholia	17	16	33	2.8	-	-	-	-	17.	16	33	2.5
Paranoia and Paranoid States	21	25	46	3.9	1	1	2	1.8	22	26	48	3.7
Senile Psychosis	4	6	10	.8	5	3	8	7.2	9	9	18	1.4
Pre-Senile Psychosis	1	1	2	.2	1	-	1	.9	2	1	3	.2
Psychosis with Cerebral Arteriosclerosis	11	5	16	1.3	9	4	13	11.7	20	9	29	2.2
Alcoholic Psychosis	42	7	49	4.2	2	2	4	3.6	44	9	53	4.1
Psychosis of Other Demonstrable Etiology	16	7	23	2.0	-	1	1	.9	16	8	24	1.9
Other and Unspecified Psychoses	16	9	25	2.1	-	1	1	.9	16	10	26	2.0
Anxiety Reaction	11	9	20	1.7	1	1	2	1.8	12	10	22	1.7
Hysterical Reaction	7	4	11	.9	1	-	1	.9	8	4	12	.9
Phobic Reaction	1	-	1	.1	-	-	-	-	1	-	1	.1
Neurotic Depressive Reaction	46	55	101	8.6	3	1	4	3.6	49	56	105	8.2
Other & Unspecified Psychoneurotic Reactions	12	35	47	4.0	-	-	-	-	12	35	47	3.7
Pathological Personality (All Categories)	77	28	105	8.9	35	3	38	34.3	112	31	143	11.1
Immature Personality	16	27	43	3.6	2	1	3	2.7	18	28	46	3.6
Alcoholism Without Psychosis	116	20	136	11.5	6	1	7	6.3	122	21	143	11.1
Other Drug Addiction	1	-	1	.1	-	-	-	-	1	-	1	.1
Primary Childhood Behaviour Disorders	-	2	2	.2	-	-	-	-	-	2	2	.2
Mental Deficiency Without Psychosis	10	9	19	1.6	5	2	7	6.3	15	11	26	2.0
Other and Unspecified Disorders of Character, Behaviour and Intelligence	13	15	28	2.4	1	2	3	2.7	14	17	31	2.4
Epilepsy	3	3	6	.5	-	-	-	-	3	3	6	.5
Puerperal Psychosis	-	2	2	.2	-	-	-	-	-	2	2	.2
Mental Observation Without Need for Psychiatric Care	1	-	1	.1	2	1	3	2.7	3	1	4	.3
Senility Without Mention of Psychosis	1	2	3	.3	-	-	-	-	1	2	3	.2
Late Effects of Acute Infectious Encephalitis	1	-	1	.1	-	-	-	-	1	-	1	.1
TOTAL:	703	475	1,178	100.0	85	26	111	100.0	788	501	1,289	100.0
PER CENT OF TOTAL	54.6	36.8	91.4		6.6	2.0	8.6		61.1	38.9	100.0	

TABLE 24
ALBERTA HOSPITAL, PONOKA
DISCHARGES BY PSYCHIATRIC DIAGNOSIS SHOWING NUMBER OF DAYS IN HOSPITAL

DIAGNOSIS	Under 90 Days				Under 182 Days				Under 273 Days				Under 365 Days				Under 730 Days				Over 730 Days				Total			
	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%
Congenital Syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1.2	1	-	1	.07
General Paralysis of the Insane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2.4	-	-	-	-	1	-	1	.07
Schizophrenia (All Categories)	132	72	204	23.3	42	42	84	42.9	7	12	19	35.8	8	8	16	39.3	9	9	18	43.9	34	14	48	58.6	232	157	389	30.18
Manic Depressive (All Categories)	23	24	47	5.4	6	5	11	5.7	1	3	4	7.5	1	1	2	5.0	1	-	1	2.4	4	-	4	4.9	36	33	69	5.36
Involutional Melancholia	12	10	22	2.5	1	3	4	2.0	-	-	-	-	-	1	1	2.4	-	2	2	4.9	4	-	4	4.9	17	16	33	2.57
Paranoia and Paranoid States	13	16	29	3.3	4	6	10	5.1	1	-	1	1.9	-	-	-	-	-	1	1	2.4	4	3	7	8.6	22	26	48	3.73
Senile Psychosis	3	5	8	.9	2	2	4	2.0	1	2	3	5.7	1	-	1	2.4	2	-	2	4.9	-	-	-	-	9	9	18	1.40
Pre-Senile Psychosis	2	1	3	.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	.23
Psychosis with Cerebral Arteriosclerosis	9	3	12	1.5	4	1	5	2.5	2	1	3	5.7	3	2	5	12.2	1	2	3	7.4	1	-	1	1.2	20	9	29	2.25
Alcoholic Psychosis	32	5	37	4.2	8	2	10	5.1	-	-	-	-	1	-	1	2.4	1	2	3	7.4	2	-	2	2.4	44	9	53	4.12
Psychosis of Other Demonstrable Etiology	7	4	11	1.3	-	1	1	.5	3	2	5	9.4	1	-	1	2.4	1	-	1	2.4	4	1	5	6.1	16	8	24	1.87
Other and Unspecified Psychoses	12	5	17	1.9	1	2	3	1.5	-	1	1	1.9	-	1	1	2.4	-	-	-	-	3	1	4	4.9	16	10	26	2.01
Anxiety Reaction	9	7	16	1.8	3	1	4	2.0	-	1	1	1.9	-	1	1	2.4	-	-	-	-	-	-	-	-	12	10	22	1.71
Hysterical Reaction	8	2	10	1.1	-	1	1	.5	-	-	-	-	-	1	1	2.4	-	-	-	-	-	-	-	-	8	4	12	.93
Phobic Reaction	-	-	-	-	1	-	1	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	.07
Neurotic Depressive Reaction	43	40	83	9.5	3	12	15	7.7	1	2	3	5.7	2	-	2	4.9	-	2	2	4.9	-	-	-	-	49	56	105	8.15
Other and Unspecified Psychoneurotic Reactions	9	29	38	4.3	2	2	4	2.0	-	2	2	3.7	-	1	1	2.4	1	1	2	4.9	-	-	-	-	12	35	47	3.65
Pathological Personality (All Categories)	102	22	124	14.2	7	4	11	5.7	1	2	3	5.7	2	1	3	7.4	-	1	1	2.4	-	1	1	1.2	112	31	143	11.10
Immature Personality	15	22	37	4.2	2	5	7	3.6	1	1	2	3.7	-	-	-	-	-	-	-	-	-	-	-	-	18	28	46	3.57
Alcoholism Without Psychosis	114	19	133	15.3	6	-	6	3.1	-	1	1	1.9	-	1	1	2.4	1	-	1	2.4	1	-	1	1.2	122	21	143	11.10
Other Drug Addiction	-	-	-	-	1	-	1	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	.07
Primary Childhood Behaviour Disorders	-	1	1	.1	-	1	1	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	.15
Mental Deficiency Without Psychosis	9	6	15	1.7	3	1	4	2.0	2	1	3	5.7	1	-	1	2.4	-	2	2	4.9	-	1	1	1.2	15	11	26	2.01
Other and Unspecified Disorders of Character, Behaviour and Intelligence	8	12	20	2.3	5	3	8	4.1	-	1	1	1.9	-	1	1	2.4	-	-	-	-	1	-	1	1.2	14	17	31	2.40
Epilepsy	1	2	3	.3	1	-	1	.5	-	-	-	-	1	-	1	2.4	-	1	1	2.4	-	-	-	-	3	3	6	.47
Puerperal Psychosis	-	1	1	.1	-	-	-	-	-	-	-	-	-	1	1	2.4	-	-	-	-	-	-	-	-	-	2	2	.15
Mental Observation Without Need for Psychiatric Care	1	1	2	.2	-	-	-	-	1	-	1	1.9	-	-	-	-	-	-	-	-	1	-	1	1.2	3	1	4	.31
Senility Without Mention of Psychosis	1	2	3	.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	.23
Late Effects of Acute Infectious Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1.2	1	-	1	.07
TOTALS	565	311	876	100.0	102	94	196	100.0	21	32	53	100.0	21	20	41	100.0	18	23	41	100.0	61	21	82	100.0	788	501	1,289	100.0
Per cent of Total	43.8	24.1	67.9		7.9	7.3	15.2		1.6	2.5	4.1		1.6	1.5	3.1		1.4	1.8	3.2		4.7	1.6	6.3		61.1	38.9	100.0	

TABLE 25
ALBERTA HOSPITAL, PONOKA
TREATMENT SUMMARY OF DISCHARGED PATIENTS

Kind of Treatment	Number of Patients Receiving These Kinds of Treatment		
	Male	Female	Total
Drugs	697	474	1,171
Electrotherapy	125	130	255
Individual Psychotherapy	776	496	1,272
Group Therapy	723	459	1,182
Other	124	46	170

TABLE 26
ALBERTA HOSPITAL, PONOKA
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	6	1	7
Mental, Psychoneurotic and Personality Disorders	1	-	1
Diseases of the Nervous System and Sense Organs	4	1	5
Diseases of the Circulatory System	15	9	24
Diseases of the Respiratory System	16	10	26
Diseases of the Digestive System	4	1	5
Deliveries and Complications of Pregnancy, Childbirth and Puerperium	-	1	1
Symptoms, Senility, and Ill-defined Conditions	1	-	1
Accidents, Poisoning and Violence*	2	1	3
TOTAL	49	24	73

*One death due to train accident, one death from exposure during elopement, and one death from aspiration of vomitus.

TABLE 27
ALBERTA HOSPITAL, PONOKA
DEATHS BY PSYCHIATRIC DIAGNOSIS

	Male	Female	Total
Schizophrenia (All Categories)	6	7	13
Manic Depressive (All Categories)	1	2	3
Paranoia and Paranoid States	2	3	5
Senile Psychosis	8	7	15
Pre-Senile Psychosis	1	-	1
Psychosis with Cerebral Arteriosclerosis	17	3	20
Alcoholic Psychosis	2	-	2
Psychosis of Other Demonstrable Etiology	5	-	5
Other and Unspecified Psychosis	1	-	1
Anxiety Reaction	-	1	1
Neurotic Depressive Reaction	1	-	1
Alcoholism without Psychosis	3	-	3
Other Drug Addiction	1	-	1
Mental Deficiency without Psychosis	1	-	1
Other Diseases of the Brain	-	1	1
TOTAL	49	24	73

ALBERTA HOSPITAL, EDMONTON

J. L. Paterson, M.D., Spec. Psych., R.C.P.S. (C),

Medical Superintendent

MOVEMENT OF POPULATION

There were 1,361 patients, 822 males and 539 females, on the books at December 31, 1967. The total patient population in residence was 1,141, 707 males and 434 females. At December 31, 1968, there were 1,188 patients on the books, 682 males and 506 females, and there were 610 male and 386 female patients, a total of 996 in actual residence. There was a decrease of 145 patients in residence and a decrease of 173 patients on the books from the previous year.

Admission of Patients

During the year 1,432 men and 849 women were admitted, for a total of 2,281, an increase of 48 over the preceding year. Of those admitted, 1,070 patients, 673 men and 397 women, were first admissions and 1,209 patients, 758 men and 451 women, were readmissions. Two patients were transferred in from other hospitals within the Division.

One thousand three hundred forty-three admissions were by voluntary application, 479 were by two medical certificates, 146 were by one medical certificate, 107 by warrant for examination, four by warrant under The Tuberculosis Act, 10 under warrant from the Northwest Territories, 123 were on remand for observation, 61 were admitted on transfer from gaol for observation and six from penitentiary for treatment.

Of the 625 patients admitted by medical certificates, 249 patients or 39.8% signed voluntary forms, and 26 patients who were admitted voluntarily had to be certified (1.9%).

Separation of Patients

A total of 2,338 patients were discharged, 1,502 men and 836 women. This was an increase of 189 over the previous year. Of the total discharges, 1,605 patients were discharged direct, 722 were discharged from leave, ten were discharged from escape and one patient was deported. In addition 20 men and 23 women were transferred to other hospitals within the Division. There were 73 deaths.

GENERAL HEALTH OF PATIENTS

There were no major accidents during the year and there was one suicide. There were no epidemics and the general health of the patients remained excellent. An x-ray survey of the entire hospital was carried out and this involved staff as well as patients. All patients, except the elderly, received T.A.B.T. inoculations.

CLINICAL WORK

During the year there was a program of intensive treatment for those patients who have been in hospital for some period of time. Rehabilitation of many of those patients at Halfway Houses, Foster Homes and ultimately into the community has contributed, in part, to the decline in patient population. There has been particular emphasis on community interaction with involvement of patients in community projects, both in the newly developed Sheltered Workshop and in various Occupational Therapy and Industrial Therapy programs in the hospital.

There has been little change in the basic forms of therapy, mainly drugs, individual and group therapy and electroconvulsive therapy. There has been a development of treatment teams with emphasis on group interaction.

In the year 1967, there was a marked increase in the number of alcoholic patients admitted but this dropped sharply during the past year. This was attributed to increased admissions of alcoholic patients into general hospitals and also the establishment of Henwood. The number of elderly patients suffering from senility and Cerebral Arteriosclerosis continued to rise and this was in keeping with the general aging factor in the population.

The medical staff increased during the year in order to meet the increased demand for services and to expand the clinical work being done at the hospital. Four psychiatrists in training were on staff and in addition the number of private psychiatrists in the city now practising at the hospital increased to three, two coming one day a week and a third attending five mornings a week. This proved very valuable, not only providing service, but also in assisting the teaching program given to the psychiatric internes and medical students. It also served as a valuable liaison with the community and the psychiatric facilities of the University of Alberta Hospital.

The training of medical students was commenced and internes were employed during the summer months.

A Medical Advisory Committee and various subsidiary committees were set up and this involved numerous staff at a decision making level in regard to the clinical work being carried on.

A Forensic Service was established with all forensic cases centralized under one of the medical staff.

The medical staff provided both psychiatric treatment and treatment for the patients' physical illnesses and various medical specialists were called in consultation as required and on occasion patients were examined in the city or were placed in one of the general hospitals of Edmonton for the treatment of medical conditions.

Treatment of tuberculosis continued to be successful. All tuberculosis patients in the Division of Mental Health hospitals were treated at this hospital. At the end of the year there were 73 tuberculosis patients, 30 women and 43 men, of whom 25 are considered to have active disease.

There were 28 major operations, 88 minor operations and 44 other procedures. Most of the surgical work was done by surgeons from Edmonton and was carried out in the hospital. In some cases the surgical services were provided in general hospitals in the city.

From a total of 73 deaths, there were 30 post mortems. This number of autopsies was in keeping with Hospital and Accreditation standards.

Dental services provided 2,338 examinations with 148 consultations.

Medical Records service was reviewed and early in 1969 there was to be a complete change in the filing system employed at the hospital with centralization of records and adoption of a color coded system.

The Pharmacy operated with a full time pharmacist and a full time assistant providing service to the patients in the hospital and to a large number of outpatients who received medication free of charge. A Drug and Therapeutic Committee was established and operated successfully throughout the year.

Outpatient Services

The outpatient services continued to expand and consisted largely of discharged patients. During the year there were 494 new patients interviewed to bring the total served to 938 patients and 2,425 interviews. These interviews were carried out by 18 medical staff. In addition to patients seen by medical staff, a large number were also seen in the community by the social workers.

Out of Hospital Clinical Services

Continued use was made of the Cancer Clinic for diagnosis and treatment. A number of patients were transferred from other hospitals within the Division for attendance at the Cancer Clinic and for continued treatment.

X-Ray, Laboratory, Electroencephalography

The laboratory performed 29,305 tests and sent 4,217 tests to city laboratories. The work also included tests on staff and annual tests on patients. The unit value of tests completed increased from the previous year to 61,544 units. This department also assisted in the training program given for laboratory technicians at the school operated by the Department of Health. Technicians were on call on a 24 hour basis and were called back after normal hours whenever required. Laboratory examinations were of a great variety, and the Provincial Laboratory was used for certain examinations.

During the year 5,767 patients were x-rayed for a variety of examinations. In addition 552 tuberculin tests were done and T.A.B.T. vaccine was given to 104 new staff.

There were 579 E.E.G.'s, 178 E.C.G.'s and 6 Diathermies done. The E.E.G. tracings were routinely sent to a neurologist for reading.

Special Pathological Services

Special pathological services were provided by city laboratories.

Nursing Services

The nursing services continued to operate efficiently with the increased utilization of male nurses on female wards and female nurses on male wards.

Occupational and Industrial Therapy

The Industrial Therapy Program was expanded with the opening of an Industrial Workshop in the City of Edmonton. This is operated under private charter and staffed by social workers from the hospital. The official opening by the Lieutenant Governor, the Honourable Grant McEwan, was in November. Discharged and pre-discharge patients attended the Industrial Workshop. It has proved highly successful. Of the 125 patients involved in the Workshop, 14 obtained full time jobs and six part time employment directly through the Workshop.

A Rehabilitation Committee was established for the purpose of setting up various activity levels within the hospital which could be used as a means to motivate the patients from one level to another until they were discharged. Payment for some activities is now being made. The Crescendo Tea Room, operated by patients, continued successfully and was on a profit-sharing basis. At the end of the year the staff consisted of three qualified occupational therapists and four occupational therapy aides.

Social Service Department

The Social Service Department continued to expand throughout the year and on December 31 there were six social workers and four psychiatric nurses as compared to December 31, 1967, when there were six social workers and two psychiatric nurses. One hundred & fifteen patients were placed in Family Care, and 14 male and 24 female patients were accommodated in Halfway Houses.

Department of Psychology

There was a total of five on the staff of the Department of Psychology. They administered 600 psychological tests on many patients, including all referrals. Testing was particularly required on Remand cases. This Department was also involved in group therapy programs and teaching students.

Review Panel

The Review Panel held 21 meetings at the hospital and dealt with a total of 41 complaints from 38 patients, 17 men and 21 women. Three patients complained twice on separate certificates. The Review Panel upheld the issuance of certificates in 34 cases and revoked seven.

RECREATIONAL PROGRAMS

The Recreational Therapy Department consisted of five staff under a director. This Department was involved in recreation for the entire hospital and utilized the facilities of a Recreation Hall and carried on activities in each ward for those patients who were unable to go to the Recreation Hall. Throughout the year buses took patients to various activities in the city, such as swimming and football games. During the summer months outside recreational activities were organized and a large recreational area with a ball diamond was utilized daily. The tennis courts and miniature golf course were available. Organized picnics were held. During the winter there was an outside rink and skates provided. Tours through the city were arranged at Christmas. This Department was represented on the Rehabilitation Committee.

In addition to the patients' library, a travelling library was arranged to visit all wards. Films were shown on all wards.

Anglican, Lutheran, Roman Catholic and United Church services were conducted regularly throughout the year. Clergy of all faiths visited frequently and were called when requested.

EUGENICS BOARD

There were four meetings held by the Eugenics Board with a total of 27 cases, two male and 25 female, presented to the Board. Ten of this total had been examined at the Alberta Guidance Clinic. The number of cases sterilized was 14, two male and 12 female.

FIRE PROTECTION

The Fire Department was reorganized this year with the appointment of a full time fire chief. There were 22 volunteers and in each 24 hour period, three were on duty and others were called when necessary. A second fire truck was purchased. There were several minor fires. All first aid fire appliances were inspected each month and 51 fire lectures, demonstrations and evacuations were held. Fire practices were held weekly for the volunteers. Four men from the Fire Department attended the Fire Officers Training School at Vermilion, conducted by the Provincial Fire Commissioner's Office.

HOUSEKEEPING

The past year was one of improvement and expansion in this Department. The introduction of further labour saving and automated equipment was a great help as well as the introduction of a Phenolic Germicidal detergent for all general cleaning. The program of replacing old ward furniture and equipment with new was accelerated.

LAUNDRY AND LINEN SERVICES

As usual the Laundry was quite busy. Although the patient load decreased, the poundage of laundry increased to a total of 2,217,650 pounds. Laundry services for several other government agencies were undertaken as well as marking of all patient clothing.

DIETARY

During the past year dietary service was good. A reduction in the patient population decreased the work load in the food preparation area to some degree. New facilities in the planning stage when built should provide a much more efficient work area.

EDUCATIONAL PROGRAMS

Remotivation continued to expand and Inservice Education for ward aides and attendants was provided.

In the School of Nursing there were ten on the instructional staff, including the Inservice Education instructress and the Associate Director of Nursing Education.

A total of 27 students, 23 women and four men, completed the three year course in Psychiatric Nursing. At the end of the year there were 107 students divided as follows: 51 first year students, 30 second year students, and 26 third year students. The affiliation program for student nurses from general hospitals continued. A total of 217 students was given an eight-week course in Psychiatric Nursing. The average number of students in attendance at each course was 44. These affiliation students came from the Edmonton General Hospital, Misericordia Hospital, Royal Alexandra Hospital, St. Joseph's General Hospital, Vegreville, and the Archer Memorial Hospital, Lamont. A second Refresher Course was held during the year. Various nursing committees were organized and put into operation. The supervisors and charge nurses received a course in group therapy in order to increase their effectiveness in teaching group work to students.

BUSINESS ADMINISTRATION

Increased activity in Patient Trust and hospitalization records was evident, and this was the direct result of increases in admissions and discharges.

The Perpetual Inventory of Stores supplies was extended to cover all pharmaceutical items.

A marked increase in transportation demand was evident and further equipment and a staff increase are scheduled for the coming year to meet requirements.

Plans for new telephone facilities were finalized in 1968 and we expect that during 1969 a start will be made on installation of new and expanded equipment.

GARDEN AND GROUNDS

Although vegetable production at the hospital was discontinued, there was added activity in pruning trees and shrubs, redesigning bedding areas, replanting lawns and removing trees.

A new sod field was established and in 1969 a start will be made on shrub planting for replacement needs.

NEW CONSTRUCTION AND RENOVATIONS

Three new buildings were started in 1968: Ward 11 for male patients (68 beds), the Admission Building consisting of two male and two female wards (120 beds in all), and the Infirmary Building with four wards, operating room and chapel (140 beds in all).

An old staff residence just inside the hospital main gate was moved to a new location.

VISITORS

The Canadian Mental Health Association provided the Christmas Bazaar in which gifts were supplied for patients to send to their families and relatives. The attendance at the Bazaar was over 600. Members of the volunteer groups carried out regular programs with patients on a number of wards. The White Cross Centre continued to play an active role with pre-discharge and discharged patients.

The following church groups were active in visiting at regular intervals: United Church Deaconess and volunteers, Roman Catholic Women, Reorganized Church of Latter Day Saints, Beth Israel Synagogue, Jasper Place Young Peoples, and Ukrainian Ladies Benevolent Society. Other groups included the Juilliard Modelling Club, Montgomery Ladies Auxiliary, Canadian Legion Strathcona Ladies Auxiliary and the Moose Lodge. Nursing Administration provided orientation seminars for the visitors. There was an average of 22 visiting groups per month.

The Open House Program continued with visiting days arranged by each ward at which time friends and relatives could come and enjoy lunch prepared and served by the patients. Visitors were encouraged to go through all parts of the ward. Frequent groups of visitors, such as school and church groups, were taken through the hospital and, in addition to the visit, a discussion group was held in order to provide information and answer questions. These groups were conducted by members of the Nursing, Social Service and Psychology staffs. During the Christmas and New Year season the patients were encouraged to visit their homes and relatives, and sight-seeing tours throughout the city were arranged.

The Honourable Dr. J. Donovan Ross and the members of the Legislature made an inspection tour of the hospital. This was the first such visit by the members of the Legislature and it proved to be an interesting and rewarding experience. This tour was also attended by the news media. Dr. P. B. Rose, Deputy Minister of Health, visited and inspected the hospital on several occasions. The Director and Assistant Director of the Division of Mental Health were frequent visitors. The Board of Visitors carried out their annual inspection in the fall. Dr. W. R. N. Blair visited as well as various subcommittees which formed part of the Alberta Mental Health Study.

DEPARTMENT OF PUBLIC WORKS

The Public Works Maintenance Department provided their usual co-operation and service as well as expanding their field of operation.

The Mechanical Division supplied the hospital with water, heat and light without interruptions during the year.

CONCLUSION

Although the admission rate remained about the same as the previous year, greatly expanded services were provided, particularly to those patients who had been in hospital for some period of time. There was greater integration of male and female nursing staff on the wards. The Occupational Therapy Department and the Recreational Therapy Department expanded their activities and Industrial Therapy played an increasing role. The establishment of the Industrial Workshop in the city facilitated discharge of patients. The establishment of committees in the medical staff, nursing staff, and auxiliary staff played an increasing role in unifying staff in the therapeutic approach. Increased staff at all levels contributed to the good morale of the hospital throughout the year.

TABLE 28
ALBERTA HOSPITAL, EDMONTON
MOVEMENT OF PATIENT POPULATION

ADMISSIONS				Male	Female	Total
First Admissions	M	F	T			
Voluntary	308	180	488			
Two Medical Certificates	179	145	324			
Urgent Medical Certificate	44	34	78			
Warrant for Examination	43	18	61			
Warrant under T.B. Act	2	1	3			
From N.W.T.	7	1	8			
Remand for Observation	68	14	82			
From Gaol under M.H.A.	21	4	25			
From Penitentiary	1	-	1			
				673	397	1,070
Re-Admissions						
Voluntary	538	317	855			
Two Medical Certificates	84	71	155			
Urgent Medical Certificate	41	27	68			
Warrant for Examination	26	20	46			
Warrant under T.B. Act	1	-	1			
From N.W.T.	2	-	2			
Remand for Observation	29	12	41			
From Gaol under M.H.A.	32	4	36			
From Penitentiary	5	-	5			
TOTALS				758	451	1,209
Transfers In				1	1	2
ADMISSION TOTALS				1,432	849	2,281

SEPARATIONS

Clinical Progress	M	F	T
Recovered	17	10	27
Improved	1,272	735	2,007
Unimproved	233	114	347
Died	50	23	73
TOTALS	1,572	882	2,454

Type of Separation	M	F	T
Direct Discharge	1,204	401	1,605
Discharge from Leave	289	433	722
Discharge from Unauthorized Leave	8	2	10
Deportation	1	-	1
Transfer Out	20	23	43
Death	50	23	73
TOTALS	1,572	882	2,454

SEPARATION TOTALS	**1,572**	**882**	**2,454**
Patients on Books December 31, 1967	822	539	1,361
Patients on Books December 31, 1968	682	506	1,188
Patients in Residence December 31, 1968	610	386	996
Patients on Leave or Otherwise Absent December 31, 1968	72	120	192

TABLE 29
ALBERTA HOSPITAL, EDMONTON
FIRST ADMISSIONS BY PSYCHIATRIC DIAGNOSIS

Diagnostic Classification	Male	Female	Total	%
General Paralysis of the Insane	-	1	1	.1
Schizophrenia (All Categories)	108	79	187	17.5
Manic Depressive (All Categories)	10	31	41	3.8
Involutional Melancholia	3	15	18	1.7
Paranoia and Paranoid States	9	3	12	1.1
Senile Psychosis	21	14	35	3.3
Pre-Senile Psychosis	6	1	7	.6
Psychosis with Cerebral Arteriosclerosis	55	29	84	7.8
Alcoholic Psychosis	10	4	14	1.3
Psychosis of Other Demonstrable Etiology	3	5	8	.7
Other and Unspecified Psychoses	16	10	26	2.4
Anxiety Reaction	10	10	20	1.9
Hysterical Reaction	2	5	7	.6
Obsessive-Compulsive Reaction	-	1	1	.1
Neurotic Depressive Reaction	27	39	66	6.2
Other and Ill-defined Vascular Lesions Affecting the Central Nervous System	1	-	1	.1
Other and Unspecified Psychoneurotic Reactions	3	10	13	1.2
Pathological Personality (All Categories)	92	34	126	11.8
Immature Personality	24	18	42	3.9
Alcoholism Without Psychosis	173	22	195	18.2
Other Drug Addiction	12	4	16	1.5
Primary Childhood Behaviour Disorders	2	3	5	.5
Mental Deficiency Without Psychosis	18	13	31	2.9
Other and Unspecified Disorders of Character, Behaviour and Intelligence	14	17	31	2.9
Paralysis Agitans	1	-	1	.1
Epilepsy	6	2	8	.8
Puerperal Psychosis	-	9	9	.8
Other Diseases of Brain	1	-	1	.1
Mental Observation Without Need for Psychiatric Care	32	5	37	3.5
Senility Without Mention of Psychosis	10	10	20	1.9
Depression	3	3	6	.6
Postencephalitic Psychosis	1	-	1	.1
TOTALS	673	397	1,070	100.0

TABLE 30
ALBERTA HOSPITAL, EDMONTON
RE-ADMISSIONS BY PSYCHIATRIC DIAGNOSIS

DIAGNOSTIC CLASSIFICATION	Male	Female	Total	%
General Paralysis of the Insane	-	1	1	.1
Schizophrenia (All Categories)	214	179	393	32.5
Manic Depressive (All Categories)	28	50	78	6.4
Involutional Melancholia	5	15	20	1.6
Paranoia and Paranoid States	3	2	5	.4
Senile Psychosis	2	3	5	.4
Pre-Senile Psychosis	3	-	3	.2
Psychosis with Cerebral Arteriosclerosis	24	7	31	2.6
Alcoholic Psychosis	16	-	16	1.3
Psychosis of Other Demonstrable Etiology	8	9	17	1.4
Other and Unspecified Psychoses	7	15	22	1.8
Anxiety Reaction	11	10	21	1.7
Hysterical Reaction	1	1	2	.2
Neurotic Depressive Reaction	21	21	42	3.5
Other and Ill-defined Vascular Lesions Affecting the Central Nervous System	1	-	1	.1
Other and Unspecified Psychoneurotic Reactions	9	13	22	1.8
Pathological Personality (All Categories)	74	25	99	8.2
Immature Personality	9	15	24	2.0
Alcoholism Without Psychosis	284	51	335	27.8
Other Drug Addiction	1	2	3	.2
Primary Childhood Behaviour Disorders	1	1	2	.2
Mental Deficiency Without Psychosis	9	9	18	1.5
Other and Unspecified Disorders of Character, Behaviour and Intelligence	10	6	16	1.3
Depression	6	3	9	.7
Epilepsy	6	7	13	1.2
Puerperal Psychosis	-	5	5	.4
Other Diseases of Brain	1	-	1	.1
Mental Observation Without Need for Psychiatric Care	4	1	5	.4
TOTALS	758	451	1,209	100.0

TABLE 31
ALBERTA HOSPITAL, EDMONTON
AGE OF PATIENTS ON ADMISSION

AGES	First Admissions			Readmissions			Transfers			Total			
	M	F	T	M	F	T	M	F	T	M	F	T	%
Under 15 years	3	12	15	0	1	1	0	0	0	3	13	16	.80
15 - 19 years	63	50	113	16	11	27	0	0	0	79	61	140	6.13
20 - 24 years	87	53	140	52	44	96	1	1	2	140	98	238	10.42
25 - 29 years	61	46	107	64	53	117	0	0	0	125	99	224	9.82
30 - 34 years	68	45	113	87	59	146	0	0	0	155	104	259	11.34
35 - 39 years	73	37	110	111	46	157	0	0	0	184	83	267	11.71
40 - 44 years	69	26	95	102	62	164	0	0	0	171	88	259	11.34
45 - 49 years	65	28	93	119	59	178	0	0	0	184	87	271	11.87
50 - 54 years	34	19	53	78	38	116	0	0	0	112	57	169	7.40
55 - 59 years	28	12	40	58	27	85	0	0	0	86	39	125	5.47
60 - 64 years	27	13	40	32	20	52	0	0	0	59	33	92	4.03
65 - 69 years	25	15	40	21	14	35	0	0	0	46	29	75	3.27
70 and over	70	41	111	18	17	35	0	0	0	88	58	146	6.40
TOTAL	673	397	1,070	758	451	1,209	1	1	2	1,432	849	2,281	100.00

TABLE 32
ALBERTA HOSPITAL, EDMONTON
ADMISSIONS AND READMISSIONS BY GEOGRAPHIC AREA

GEOGRAPHIC AREA	REF. NO.	ADMISSIONS				READMISSIONS				TOTAL			
		M	F	T	%	M	F	T	%	M	F	T	%
City of Edmonton	1	445	269	714	66.7	561	309	870	72.0	1,006	578	1,584	69.5
City of Calgary	2	3	3	6	.5	5	4	9	.7	8	7	15	.7
City of Lethbridge	3	-	-	-	-	1	1	2	.2	1	1	2	.09
Banff National Park	4	-	-	-	-	-	-	-	-	-	-	-	-
Jasper National Park	5	-	-	-	-	1	2	3	.2	1	2	3	.1
Alberta East Central Health Unit	6	5	1	6	.5	4	2	6	.5	9	3	12	.5
Athabasca Health Unit	7	6	7	13	1.2	2	12	14	1.2	8	19	27	1.2
Barons-Eureka Health Unit	8	-	-	-	-	-	-	-	-	-	-	-	-
Big Country Health Unit	9	-	-	-	-	-	1	1	.1	-	1	1	.04
Chief Mountain Health Unit	10	-	1	1	.1	-	1	1	.1	-	2	2	.09
Chinook Health Unit	11	1	3	4	.4	2	2	4	.3	3	5	8	.4
County of Warner Health Unit	12	-	-	-	-	-	-	-	-	-	-	-	-
Drumheller Health Unit	13	2	-	2	.2	-	1	1	.1	2	1	3	.1
Edson Health Unit	14	15	4	19	1.8	8	8	16	1.3	23	12	35	1.5
Foothills Health Unit	15	-	-	-	-	-	-	-	-	-	-	-	-
Grande Prairie Health Unit	16	17	10	27	2.5	11	5	16	1.3	28	15	43	1.9
Leduc-Strathcona Health Unit	17	15	7	22	2.0	13	16	29	2.4	28	23	51	2.2
Medicine Hat Health Unit	18	-	2	2	.2	1	-	1	.1	1	2	3	.1
Minburn-Vermilion Health Unit	19	14	3	17	1.6	13	1	14	1.2	27	4	31	1.4
Mount View Health Unit	20	-	1	1	.1	-	1	1	.1	-	2	2	.09
North Eastern Alberta Health Unit	21	13	9	22	2.1	12	12	24	2.0	25	21	46	2.0
Peace River Health Unit	22	10	12	22	2.1	17	16	33	2.7	27	28	55	2.4
Red Deer Health Unit	23	2	1	3	.3	1	-	1	.1	3	1	4	.2
Stony Plain-Lac St. Anne Health Unit	24	11	9	20	1.9	16	10	26	2.1	27	19	46	2.0
Sturgeon Health Unit	25	20	14	34	3.2	20	11	31	2.6	40	25	65	3.0
Vegreville Health Unit	26	8	10	18	1.6	16	14	30	2.5	24	24	48	2.1
Wetoka Health Unit	27	5	-	5	.5	6	-	6	.5	11	-	11	.5
Municipalities not in Health Unit	28	9	9	18	1.7	12	7	19	1.6	21	16	37	1.6
Indian Reserves	29	-	-	-	-	-	-	-	-	-	-	-	-
Other Provinces	30	45	16	61	5.7	12	3	15	1.2	57	19	76	3.3
Territories	31	14	6	20	1.9	10	7	17	1.4	24	13	37	1.6
Outside Canada	32	2	-	2	.2	-	-	-	-	2	-	2	.09
No Fixed Abode	33	11	-	11	1.0	14	5	19	1.5	25	5	30	1.3
TOTAL		673	397	1,070	100.0	758	451	1,209	100.0	1,431	848	2,279	100.00

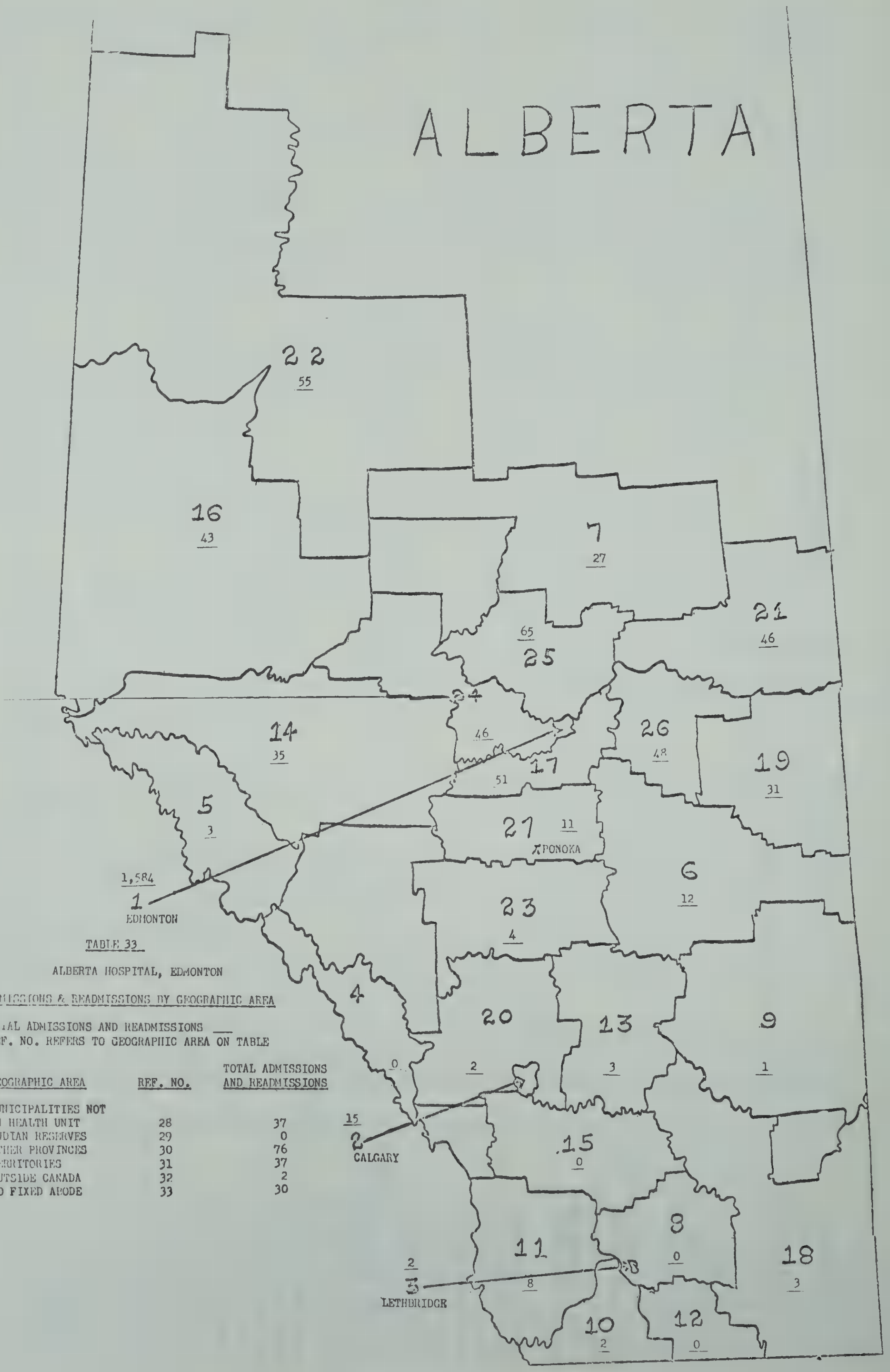


TABLE 33

ALBERTA HOSPITAL, EDMONTON

ADMISSIONS & READMISSIONS BY GEOGRAPHIC AREA

TOTAL ADMISSIONS AND READMISSIONS ___
REF. NO. REFERS TO GEOGRAPHIC AREA ON TABLE

GEOGRAPHIC AREA	REF. NO.	TOTAL ADMISSIONS AND READMISSIONS
MUNICIPALITIES NOT IN HEALTH UNIT	28	37
INDIAN RESERVES	29	0
OTHER PROVINCES	30	76
TERRITORIES	31	37
OUTSIDE CANADA	32	2
NO FIXED ABODE	33	30

TABLE 34
ALBERTA HOSPITAL, EDMONTON
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS
DECEMBER 31, 1968

DIAGNOSTIC CLASSIFICATION	Male	Female	Total	%
Juvenile Neurosyphilis	1	-	1	.1
General Paralysis of the Insane	2	1	3	.3
Late Effects of Acute Infectious Encephalitis	-	1	1	.1
Schizophrenia (All Categories)	361	216	577	48.5
Manic Depressive (All Categories)	19	29	48	4.0
Involutional Melancholia	4	24	28	2.4
Paranoia and Paranoid States	17	3	20	1.7
Senile Psychosis	46	47	93	7.8
Pre-Senile Psychosis	5	10	15	1.2
Psychosis with Cerebral Arteriosclerosis	57	31	88	7.4
Alcoholic Psychosis	7	5	12	1.1
Psychosis of Other Demonstrable Etiology	20	11	31	2.6
Other and Unspecified Psychoses	7	16	23	1.9
Anxiety Reaction	3	7	10	.8
Obsessive-Compulsive Reaction	2	-	2	.2
Neurotic Depressive Reaction	5	9	14	1.2
Other and Unspecified Psychoneurotic Reactions	1	12	13	1.1
Pathological Personality (All Categories)	23	18	41	3.4
Immature Personality	4	5	9	.8
Alcoholism Without Psychosis	39	6	45	3.8
Other Drug Addiction	2	1	3	.3
Primary Childhood Behaviour Disorders	4	1	5	.4
Mental Deficiency Without Psychosis	17	24	41	3.4
Other and Unspecified Disorders of Character, Behaviour and Intelligence	5	2	7	.5
Other and Ill-Defined Vascular Lesions Affecting Central Nervous System	2	-	2	.2
Paralysis Agitans	1	2	3	.3
Cerebral Palsy	-	2	2	.2
Epilepsy	7	7	14	1.2
Puerperal Psychosis	-	2	2	.2
Other Diseases of Brain	4	1	5	.4
Nervousness and Debility	-	4	4	.3
Mental Observation Without Need for Psychiatric Care	5	-	5	.4
Senility Without Mention of Psychosis	12	9	21	1.8
TOTALS	682	506	1,188	100.0

TABLE 35
ALBERTA HOSPITAL, EDMONTON
DISCHARGES BY PSYCHIATRIC DIAGNOSIS AND CLINICAL PROGRESS

DIAGNOSIS	IMPROVED				UNIMPROVED				TOTAL			
	M	F	T	%	M	F	T	%	M	F	T	%
Late Effects of Acute Infectious Encephalitis	1	-	1	.1	-	1	1	.3	1	1	2	.1
General Paralysis of the Insane	1	1	2	.1	1	1	2	.6	2	2	4	.2
Schizophrenia (All Categories)	323	247	570	28.0	87	23	110	31.7	410	270	680	28.6
Manic Depressive (All Categories)	40	69	109	5.3	8	6	14	4.0	48	75	123	5.2
Involutional Melancholia	10	30	40	2.0	-	5	5	1.4	10	35	45	1.9
Paranoia and Paranoid States	16	8	24	1.2	-	2	2	.5	16	10	26	1.1
Senile Psychosis	1	2	3	.2	12	14	26	7.5	13	16	29	1.2
Pre-Senile Psychosis	3	1	4	.3	2	-	2	.6	5	1	6	.3
Psychosis with Cerebral Arteriosclerosis	34	16	50	2.4	30	11	41	11.8	64	27	91	3.8
Alcoholic Psychosis	25	3	28	1.4	4	-	4	1.2	29	3	32	1.3
Psychosis of Other Demonstrable Etiology	15	11	26	1.3	5	2	7	2.0	20	13	33	1.3
Other and Unspecified Psychoses	23	21	44	2.2	2	1	3	.9	25	22	47	2.0
Anxiety Reaction	21	23	44	2.2	1	-	1	.3	22	23	45	1.9
Hysterical Reaction	3	9	12	.7	1	-	1	.3	4	9	13	.5
Obsessive-Compulsive Reaction	-	2	2	.1	-	-	-	-	-	2	2	.1
Neurotic Depressive Reaction	51	52	103	5.1	-	2	2	.5	51	54	105	4.4
Psychoneurosis with Somatic Symptoms (Somatization Reaction) Affecting Circulatory System	-	1	1	.1	-	-	-	-	-	1	1	.1
Other and Unspecified Psychoneurotic Reactions	12	19	31	1.5	2	2	4	1.2	14	21	35	1.4
Pathological Personality (All Categories)	139	46	185	9.1	30	8	38	10.9	169	54	223	9.4
Immature Personality	26	32	58	2.8	6	1	7	2.0	32	33	65	2.7
Alcoholism Without Psychosis	448	72	520	25.6	14	6	20	5.8	462	78	540	22.7
Other Drug Addiction	9	1	10	.5	-	3	3	.9	9	4	13	.5
Primary Childhood Behaviour Disorders	1	1	2	.1	1	1	2	.5	2	2	4	.2
Mental Deficiency Without Psychosis	20	16	36	1.8	10	6	16	4.6	30	22	52	2.2
Other and Unspecified Disorders of Character, Behaviour and Intelligence	22	25	47	2.3	5	6	11	3.2	27	31	58	2.4
Epilepsy	9	7	16	.1	3	1	4	1.2	12	8	20	.[illegible]
Puerperal Psychosis	-	11	11	.6	-	1	1	.3	-	12	12	.5
Other Diseases of Brain	1	1	2	.1	-	-	-	-	1	1	2	.1
Mental Observation without Need for Psychiatric Care	26	10	36	1.8	9	-	9	2.6	35	10	45	1.9
Nervousness and Debility	5	1	6	.4	-	1	1	.3	5	2	7	.3
Other Infective and Parasitic Diseases	1	1	2	.1	-	-	-	-	1	1	2	.1
Senility Without Mention of Psychosis	3	6	9	.5	-	10	10	2.9	3	16	19	.8
TOTAL	1,289	745	2,034	100.0	233	114	347	100.0	1,522	859	2,381	100.0
PER CENT OF TOTAL	54.1	31.3	85.4		9.8	4.8	14.6		63.9	36.1	100.0	

TABLE 36
ALBERTA HOSPITAL, EDMONTON
DISCHARGES BY PSYCHIATRIC DIAGNOSIS SHOWING NUMBER OF DAYS IN HOSPITAL

DIAGNOSIS	Under 90 Days				Under 182 Days				Under 273 Days				Under 365 Days				Under 730 Days				Over 730 Days				Total			
	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%	M	F	T	%
Late Effects of Acute Infectious Encephalitis	1	-	1	.05	-	-	-	-	-	1	1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	.08
General Paralysis of the Insane	-	1	1	.05	-	1	1	.5	-	-	-	-	-	-	-	-	1	-	1	1.1	1	-	1	.5	2	2	4	.17
Schizophrenia (All Categories)	220	156	376	21.3	41	39	80	38.1	20	16	36	45.0	11	11	22	40.6	31	18	49	55.1	87	30	117	63.6	410	270	680	28.57
Manic Depressive (All Categories)	35	54	89	5.0	4	13	17	8.1	2	4	6	7.5	1	-	1	1.9	1	2	3	3.5	5	2	7	3.8	48	75	123	5.17
Involutional Melancholia	7	23	30	1.7	2	5	7	3.3	-	-	-	-	-	1	1	1.9	1	3	4	4.5	-	3	3	1.6	10	35	45	1.90
Paranoia and Paranoid States	11	4	15	.9	2	1	3	1.4	-	2	2	2.6	-	2	2	3.6	-	-	-	-	3	1	4	2.2	16	10	26	1.09
Senile Psychosis	6	7	13	.7	1	2	3	1.4	-	3	3	3.7	1	-	1	1.9	2	-	2	2.2	3	4	7	3.8	13	16	29	1.21
Pre-Senile Psychosis	1	-	1	.05	1	-	1	.5	-	-	-	-	-	-	-	-	-	1	1	1.1	3	-	3	1.6	5	1	6	.25
Psychosis with Cerebral Arteriosclerosis	31	15	46	2.6	12	4	16	7.6	5	2	7	8.8	4	1	5	9.3	7	1	8	9.0	5	4	9	4.9	64	27	91	3.82
Alcoholic Psychosis	20	1	21	1.2	2	2	4	1.9	1	-	1	1.2	1	-	1	1.9	2	-	2	2.2	3	-	3	1.6	29	3	32	1.34
Psychosis of Other Demonstrable Etiology	8	8	16	.9	4	-	4	1.9	1	3	4	5.0	1	-	1	1.9	1	2	3	3.5	5	-	5	2.8	20	13	33	1.39
Other and Unspecified Psychoses	22	13	35	2.0	1	5	6	2.9	1	3	4	5.0	-	-	-	-	-	-	-	-	1	1	2	1.1	25	22	47	1.97
Anxiety Reaction	18	20	38	2.1	2	2	4	1.9	-	-	-	-	-	-	-	-	1	1	2	2.2	1	-	1	.5	22	23	45	1.89
Hysterical Reaction	3	7	10	.6	-	-	-	-	-	-	-	-	-	1	1	1.9	-	-	-	-	1	1	2	1.1	4	9	13	.54
Obsessive Compulsive Reaction	-	1	1	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1.1	-	-	-	-	-	2	2	.08
Neurotic Depressive Reaction	45	46	91	5.2	2	5	7	3.3	1	1	2	2.6	1	1	2	3.6	-	-	-	-	2	1	3	1.6	51	54	105	4.42
Psychoneurosis with Somatic Symptoms (Somatization Reaction) Affecting Circulatory System	-	1	1	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	.04
Other and Unspecified Psychoneurotic Reactions	11	21	32	1.8	1	-	1	.5	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	1.1	14	21	35	1.47
Pathological Personality (All Categories)	158	47	205	11.6	3	6	9	4.3	1	1	2	2.6	2	-	2	3.6	-	-	-	-	5	-	5	2.8	169	54	223	9.37
Immature Personality	29	29	58	3.3	2	1	3	1.4	-	3	3	3.7	-	-	-	-	1	-	1	1.1	-	-	-	-	32	33	65	2.73
Alcoholism Without Psychosis	441	70	511	29.0	12	3	15	7.1	3	1	4	5.0	2	3	5	9.3	4	1	5	5.7	-	-	-	-	462	78	540	22.67
Other Drug Addiction	9	4	13	.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4	13	.55
Primary Childhood Behaviour Disorders	1	2	3	.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	.5	2	2	4	.17
Mental Deficiency Without Psychosis	21	16	37	2.1	5	1	6	2.9	-	-	-	-	1	2	3	5.6	1	1	2	2.2	2	2	4	2.2	30	22	52	2.18
Other and Unspecified Disorders of Character, Behaviour and Intelligence	20	25	45	2.6	1	4	5	2.4	3	-	3	3.7	1	2	3	5.6	1	-	1	1.1	1	-	1	.5	27	31	58	2.44
Other Infective and Parasitic Diseases	-	1	1	.05	-	-	-	-	1	-	1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	.08
Epilepsy	6	3	9	.5	4	4	8	3.8	1	-	1	1.2	1	-	1	1.9	-	1	1	1.1	-	-	-	-	12	8	20	.84
Puerperal Psychosis	-	10	10	.6	-	2	2	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	.50
Other Diseases of Brain	1	1	2	.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	.08
Mental Observation Without Need for Psychiatric Care	34	7	41	2.3	1	-	1	.5	-	-	-	-	-	2	2	3.6	-	1	1	1.1	-	-	-	-	35	10	45	1.90
Nervousness and Debility	4	-	4	.2	1	2	3	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	7	.29
Senility Without Mention of Psychosis	2	6	8	.5	1	3	4	1.9	-	-	-	-	-	1	1	1.9	-	2	2	2.2	-	4	4	2.2	3	16	19	.80
TOTAL	1,165	599	1,764	100.0	105	105	210	100.0	40	40	80	100.0	27	27	54	100.0	54	35	89	100.0	131	53	184	100.0	1,522	859	2,381	100.00
PER CENT OF TOTAL	49.0	25.1	74.1		4.4	4.4	8.8		1.7	1.7	3.4		1.1	1.1	2.2		2.3	1.5	3.8		5.5	2.2	7.7		64.0	36.0	100.0	

TABLE 37
ALBERTA HOSPITAL, EDMONTON
TREATMENT SUMMARY OF DISCHARGED PATIENTS

Kind of Treatment	Number of Patients Receiving These Kinds of Treatment Male	Female	Total
Drugs	1,326	808	2,134
Electrotherapy	97	194	291
Individual Psychotherapy	1,307	732	2,039
Group Therapy	392	219	611
Other	140	150	290

TABLE 38
ALBERTA HOSPITAL, EDMONTON
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	3	2	5
Allergic, Endocrine System, Metabolic and Nutritional Diseases	-	1	1
Mental, Psychoneurotic and Personality Disorders	3	-	3
Diseases of the Nervous System and Sense Organs	3	2	5
Diseases of the Circulatory System	14	12	26
Diseases of the Respiratory System	18	3	21
Symptoms, Senility and Ill-defined Conditions	7	2	9
Accidents, Poisoning and Violence*	2	-	2
Diseases of the Digestive System	-	1	1
TOTAL	50	23	73

*One death due to suicide and one by aspiration of food during an epileptic seizure.

TABLE 39
ALBERTA HOSPITAL, EDMONTON
DEATHS BY PSYCHIATRIC DIAGNOSIS

	Male	Female	Total
General Paralysis of the Insane	1	-	1
Schizophrenia (All Categories)	7	-	7
Involutional Melancholia	1	1	2
Paranoia and Paranoid States	1	-	1
Senile Psychosis	4	6	10
Pre-Senile Psychosis	3	-	3
Psychosis with Cerebral Arteriosclerosis	15	9	24
Psychosis of Other Demonstrable Etiology	2	2	4
Other and Unspecified Psychoses	1	-	1
Neurotic Depressive Reaction	-	1	1
Alcoholism Without Psychosis	5	-	5
Mental Deficiency Without Psychosis	1	-	1
Epilespy	1	-	1
Other Diseases of Brain	1	-	1
Senility Without Mention of Psychosis	7	4	11
TOTAL	50	23	73

CONTINUED TREATMENT HOSPITALS

ALBERTA HOSPITAL, CLARESHOLM
ALBERTA HOSPITAL, RAYMOND
ROSEHAVEN, CAMROSE

A new staff residence and an occupational therapy and recreation building (MacLean Hall) were occupied later in 1968 at the Alberta Hospital, Claresholm.

Construction of the Services Building and Ward Building at Rosehaven, Camrose continued.

It should be noted that the construction of new buildings provided improved accommodation with an increase of seventeen patients. The transfer of forty patients from the Alberta Hospital, Raymond to the Alberta Hospital, Claresholm greatly relieved overcrowding in that institution.

The deaths in these institutions were largely in persons of advanced age and due to diseases of the circulatory system, respiratory system or as strokes which are the common terminal illnesses of the aged.

ALBERTA HOSPITAL, CLARESHOLM
A. R. Schrag, M.D., C.R.C.P. (C), Medical Superintendent

MOVEMENT OF POPULATION

There were 347 patients, 107 men and 240 women, on the books at December 31, 1967. The number of patients on books at December 31, 1968, was 449, 171 men and 278 women, an increase of 102 patients over the previous year. There were eight patients on leave at the end of the year.

Admission of Patients

One hundred and forty-three patients were admitted from other hospitals within the Division, 18 being transferred in under medical certificates, and 120 first admissions and 5 readmissions were admitted by voluntary status. One patient was readmitted voluntarily from the Claresholm Municipal Hospital.

Of the number admitted from hospitals within the Division, 91 were from the Alberta Hospital, Edmonton, 77 men and 14 women; 12 were from the Alberta Hospital, Ponoka, 2 men and 10 women; and 40 women were from the Alberta Hospital, Raymond.

Six patients were changed from medical certificates to voluntary status. Thirteen renewal certificates were completed on behalf of eight patients, three with one renewal and five with two renewals.

Separation of Patients

Separations numbered 42. Seventeen patients, 10 men and 7 women were discharged to the Alberta Hospital, Edmonton; four female patients were discharged to the Alberta Hospital, Ponoka, and one female patient was discharged to the Claresholm Municipal Hospital. Two men were transferred to the Alberta Hospital, Edmonton, and two women were discharged from leave. There were 16 deaths, 3 male and 13 female.

GENERAL HEALTH OF PATIENTS

There were no accidents of a serious nature, nor suicides, or serious epidemics.

X-Ray and Laboratory tests were done at the Claresholm Municipal Hospital. Immunization programs were carried out for patients and staff by the Health Nurse and records kept. Hemoglobins were checked and medical advice obtained for those who required attention.

CLINICAL WORK

A physician from the Alberta Hospital, Ponoka, examined and interviewed patients every three months. The medical coverage was augmented by the inclusion of another local physician which was most helpful.

The dentist from the Alberta Hospital, Ponoka, visited the hospital and gave the required dental care to patients and the local dentist did emergency work.

Out of Hospital Clinical Services

Help relating to patients was received through the Alberta Hospital Social Service and Out-Patient Clinic in Calgary and was much appreciated.

When necessary, patients were transferred to general hospitals in Calgary for orthopedic surgery and a number of patients were taken to the Cancer Clinic, Calgary, for examination.

X-Ray, Laboratory and Pathological Services

X-Ray and laboratory work was done at the Claresholm Municipal Hospital as ordered by local physicians.

Nursing Services

Recruiting suitable staff continued to be a problem in this rural area. It was necessary to augment the staff to provide adequate care for the increased patient population.

Occupational and Industrial Therapy

Forty female and 15 male patients attended occupational therapy. The female patients did embroidery work, hooked rugs, weaving and knitting while the male patients made lawn furniture and refinished old furniture.

RECREATIONAL PROGRAMS

During the winter curling on a bi-weekly program was enjoyed by the 16 to 20 male patients who participated. Four to eight male patients went golfing weekly during the summer. Male and female patients enjoyed bowling twice weekly. They were taken to the bowling alley by the Rotary Bus.

Two chartered bus trips were made to Waterton Lakes which were enjoyed by the 35 patients who went on each trip.

Many parties were organized on each ward by the occupational therapy staff. Dancing was held weekly at MacLean Hall which opened in December.

Organizations from Claresholm and surrounding areas entertained patients at teas and outings. Fewer Callow Coach trips were taken due to the lack of a driver.

Weekly shows were enjoyed by the patients.

New books were added to the library each month.

Religious services were conducted each Sunday by the local clergy. Other groups held devotional services once a month. Local residents took patients to church services in town and to the women's church groups.

FIRE PROTECTION

Fire drills were held and equipment checked at regular intervals.

HOUSEKEEPING

With the opening of the Staff Residence and MacLean Hall, increased staff were required to maintain these areas. A housekeeper was appointed and arranged cleaning schedules.

LAUNDRY AND REPAIR SERVICES

Although the laundry was very busy due to the increased patient population,the work was done efficiently. A total of over 780,000 pounds of laundry was done. The sewing and linen repair work continued under the direction of the laundry. No organizational changes occurred during the year with regard to the staff.

DIETARY

Complete modern food service facilities were available. The physical plant operation is composed of one central kitchen, five decentralized ward kitchens, a staff cafeteria and dining area with a seating capacity for one hundred persons.

The Food Service Department had in operation a five week rotation menu system with a variety of 35 food selections. A complete Cook Apprentice Training Program was instituted for the upgrading and training of journeyman cooks.

With the patient count numbering 449, there were 40 special diets consisting of Diabetic, Gastric No. 3 and No. 4, Low Fat, and Low Salt diets. A part-time dietitian served in a consulting capacity.

Five staff changes occurred in the Food Service Department in 1968, which included one cook classification and four kitchen helper classifications. Two staff changes occurred in the Food Service Department Cafeteria Operation.

There were no additional staff increases in the Food Service Department in 1968.

EDUCATIONAL PROGRAMS

All new ward aides and attendants participated in an in-service training program which comprised of 12 hours of orientation classes through a three week period. Skill training and ward training were provided co-operatively by the ward charges, shift supervisors, senior aides, attendants and the instructor. Special sessions were held on nursing procedures to maintain and enhance the competence of staff.

A circulating library was started and provided books and pamphlets to all wards on a monthly rotation.

BUSINESS ADMINISTRATION

The work of the Business Office continued to expand due to the increased number of new admissions throughout the year which increased the workload in regard to staff, goods and services. There was no increase in staff.

All the main accounting functions of the Alberta Hospital, Raymond, were carried out by the Claresholm Business Office.

The Business Office carried out its usual duties efficiently and in close liaison with the other hospital departments.

GARDENS AND GROUNDS

The vegetable crop was good. On the departure of the gardener, the position was abolished and the vegetable crop was brought in by male ward staff and patients.

Due to the building under construction, there was a shortage of shaded and recreational areas for outside activities for the patients.

NEW CONSTRUCTION AND RENOVATIONS

MacLean Hall, the Occupational-Recreational Building, was opened in December and provided a much needed building for patient activities.

The new Staff Residence was opened in November.

The air cooling unit in the Power House was installed. General repairs were looked after. Painting of the various buildings was done on a rotational basis.

VISITORS

The Director and Assistant Director of the Division of Mental Health visited and their help and support was greatly appreciated.

During the year, Dr. W. R. N. Blair, Director of the Alberta Mental Health Study and the committee on patient care consisting of Dr. K. I. Pearce, Dr. L. E. McLeod and Miss Sheila Ryan, visited the hospital. Professor D. Schonfield visited at the request of Dr. Blair. The Deputy Minister of Health also visited the hospital.

Approximately 70 members of the Alberta Hospital Association toured the hospital and the Board of Visitors paid their annual call.

DEPARTMENT OF PUBLIC WORKS

The buildings were well maintained and there were no major problems. The mechanical branch maintained a very good standard.

CONCLUSION

There were no major problems during the year. An increased number of geriatric patients required total care. The staff did an excellent job in encouraging many of the younger patients to join in activities. The morale of the patients and staff was good.

TABLE 40
ALBERTA HOSPITAL, CLARESHOLM
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	Male	Female	Total
First Admissions			
Voluntary	72	48	120
Re-Admissions			
Voluntary	-	6	6
Transfers In	7	11	18
ADMISSION TOTALS	79	65	144

SEPARATIONS

Clinical Progress	M	F	T	Type of Separation	M	F	T
Recovered	-	-	-	Direct Discharge	10	12	22
Improved	-	1	1	Discharge from Leave	-	2	2
Unimproved	12	13	25	Transfer Out	2	-	2
Died	3	13	16	Death	3	13	16
TOTALS	15	27	42	TOTALS	15	27	42

SEPARATION TOTALS	15	27	42
Patients on Books December 31, 1967	107	240	347
Patients on Books December 31, 1968	171	278	449
Patients in Residence December 31, 1968	169	272	441
Patients on Leave or Otherwise Absent December 31, 1968	2	6	8

TABLE 41
ALBERTA HOSPITAL, CLARESHOLM
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS, DECEMBER 31, 1968

	Male	Female	Total	%
General Paralysis of the Insane	1	3	4	.9
Syphilis of Central Nervous System	2	2	4	.9
Schizophrenia (All Categories)	145	175	320	71.2
Manic Depressive (All Categories)	4	22	26	5.8
Involutional Melancholia	1	7	8	1.8
Paranoia and Paranoid States	1	12	13	2.8
Senile Psychosis	3	1	4	.9
Pre-Senile Psychosis	-	13	13	2.8
Psychosis with Cerebral Arteriosclerosis	3	8	11	2.5
Alcoholic Psychosis	5	9	14	3.1
Psychosis of Other Demonstrable Etiology	1	2	3	.7
Other and Unspecified Psychoses	-	9	9	2.0
Psychoneurosis with Somatic Symptoms (Somatization Reaction) Affecting Circulatory System	1	-	1	.2
Other and Unspecified Psychoneurotic Reactions	-	2	2	.4
Primary Childhood Behavior Disorders	1	-	1	.2
Mental Deficiency Without Psychosis	1	10	11	2.5
Epilepsy	-	1	1	.2
Other Diseases of Brain	-	4	4	.9
TOTALS	169	280	449	100.0

TABLE 42
ALBERTA HOSPITAL, CLARESHOLM
AGE OF PATIENTS ON ADMISSION

AGES	FIRST ADMISSIONS			READMISSIONS			TRANSFERS			TOTAL			
	M	F	T	M	F	T	M	F	T	M	F	T	%
Under 15 years	-	-	-	-	-	-	-	-	-	-	-	-	-
15 to 19 years	-	-	-	-	-	-	-	-	-	-	-	-	-
20 to 24 years	-	2	2	-	-	-	-	-	-	-	2	2	1.4
25 to 29 years	1	-	1	-	-	-	-	-	-	1	-	1	.1
30 to 34 years	1	2	3	-	1	1	-	-	-	1	3	4	2.8
35 to 39 years	5	1	6	-	-	-	1	-	1	6	1	7	4.9
40 to 44 years	4	-	4	-	-	-	-	-	-	4	-	4	2.8
45 to 49 years	5	3	8	-	1	1	1	3	4	6	7	13	9.3
50 to 54 years	9	5	14	-	1	1	-	3	3	9	9	18	12.6
55 to 59 years	15	7	22	-	-	-	2	3	5	17	10	27	18.8
60 to 64 years	19	9	28	-	1	1	2	-	2	21	10	31	21.6
65 to 69 years	9	8	17	-	2	2	-	-	-	9	10	19	13.1
70 and over	4	11	15	-	-	-	1	2	3	5	13	18	12.6
TOTAL	72	48	120	-	6	6	7	11	18	79	65	144	100.0

TABLE 43
ALBERTA HOSPITAL, CLARESHOLM
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	1	1	2
Mental, Psychoneurotic and Personality Disorders	1	-	1
Diseases of the Nervous System and Sense Organs	-	4	4
Diseases of the Circulatory System	1	6	7
Diseases of the Respiratory System	-	1	1
Diseases of the Genito-Urinary System	-	1	1
TOTAL	3	13	16

TABLE 44
ALBERTA HOSPITAL, CLARESHOLM
DEATHS BY PSYCHIATRIC DIAGNOSIS

	Male	Female	Total
General Paralysis of the Insane	0	1	1
Schizophrenia (All Categories)	1	5	6
Paranoia and Paranoid States	1	1	2
Senile Psychosis	0	4	4
Psychosis with Cerebral Arteriosclerosis	0	1	1
Psychosis of Other Demonstrable Etiology	1	0	1
Hysterical Reaction	0	1	1
TOTAL	3	13	16

ALBERTA HOSPITAL, RAYMOND

A. R. Schrag, M.D., C.R.C.P. (C), Medical Superintendent

MOVEMENT OF POPULATION

There were 121 female patients on the books at December 31, 1967. The number of patients on books at December 31, 1968, was 77, a decrease of 44 from the previous year. One patient was on leave at the end of the year.

Admission of Patients

There were two first admissions and one readmission to the hospital from the community and no patients were admitted from other hospitals within the Division. The two first admissions were by medical certificates, however, the method of admission was changed to voluntary status.

Separation of Patients

Separations numbered 47. Thirty-six women were discharged to the Alberta Hospital, Claresholm, and four patients were tranferred to that hospital. One patient was transferred to the Alberta Hospital, Edmonton, for further treatment and three patients were discharged direct. There were three deaths.

GENERAL HEALTH OF PATIENTS

The general health of the patients was good. Two patients fell resulting in Colles' Fractures of the left arms.

All patients and staff received a booster Typhoid-Paratyphoid inoculation early in the year and each staff received a "Hong Kong 'Flu" inoculation in December.

CLINICAL WORK

The dentist from the Alberta Hospital, Ponoka, made two visits doing necessary work for those with natural teeth on his first visit and making new dentures, re-lining and repairing dentures for the edentulous on his second visit. Emergency dental work throughout the year was done by the local dentist.

A clinic of four medical doctors was on call and necessary x-ray and laboratory work was done at the local doctors' clinic, the local Municipal Hospital or the Lethbridge Municipal Hospital. Surgery was performed on two patients, one having the great toe-nails removed and the other having Varicose Veins stripped from her legs.

Patients requiring prescription eyeglasses were taken to an optometrist in Lethbridge.

The counsel of a psychiatrist from the Alberta Guidance Clinic, Lethbridge, was available until the end of June.

Relief personnel for staff illnesses and vacation leave was adequate and satisfactory.

Occupational and Industrial Therapy

Daily morning and afternoon classes were held in the Occupational Therapy Parlor for those patients interested in handwork of embroidery, weaving, knitting, crocheting, quilting and mending. A small table model loom was donated to the hospital from the Magrath United Church for weaving scarves, placemats, etc.

The Occupational Therapist reached retirement age and the position was filled satisfactorily.

Afternoon tea and cigarettes were served and a radio provided the latest news and music.

The hospital wards and dormitories, kitchen and dining halls, sewing room, nurses' home and laundry, provided daily occupation for approximately 55 patients who were served afternoon tea and cigarettes by each department.

Several patients enjoyed hairdressing and the beauty parlor was available to them.

RECREATIONAL PROGRAMS

The weekly presentation of picture shows continued to provide the most interest and enjoyment for the largest group of patients. Dances and bingo parties celebrated special occasions throughout the year, the wards being suitably decorated. During the summer months picnics were held on the lawns.

The Callow Coach made several monthly calls, taking 20 patients at a time on picnics to various parks or on sight-seeing tours. Visits to several gardens at the Provincial Gaol, Experimental Station, Nikka Yuko and Brewery Gardens were frequent requests and treats were purchased on these outings if a picnic had not been provided.

The Raymond Music Club brought their 25th consecutive Christmas Concert to the patients, which set the tone of the Season's festivities. This was as eagerly anticipated as on previous occasions and Santa appeared with oranges and the ladies served ice cream, cakes and cookies. The wards and Christmas trees were beautifully decorated and many of the patients participated in their decoration. Beautifully wrapped Christmas gifts were received from the Lethbridge and Calgary branches of the Canadian Mental Health Association as well as gifts and candy treats from Major Jack Ross Chapter I.O.D.E., Colonel Mewburn Chapter I.O.D.E., Quota Club, and women's clubs at Cardston, Jefferson, Magrath, Warner, Milk River, Taber and New Dayton. The Catholic and Buddhist women's organizations of Raymond brought Japanese oranges to the hospital. A Christmas Concert was brought to the hospital by a group of local girls who thrilled the patients with skits, plays, musical compositions and treats.

There was a radio, television and piano in the Annex sitting room and in the large dayroom as well as a record player for dancing.

The patients' library was situated in the Occupational Parlor which also served as a reading room. The cataloguing of new books, lending and returning of books was one patient's responsibility. The Raymond Public Library donated many used books and bound volumes of back issues of several magazines which proved most interesting and entertaining. Several magazines were subscribed to by the patients or by gift subscription to them, and a daily newspaper was available also.

United Church and Catholic services were held at the hospital once each month. For all special religious occasions the Choir of the United Church of Coaldale accompanied the Minister, which greatly enhanced the meaning and enjoyment of the service. The Priests, United Church Minister and Mormon Bishops presided at patients' funerals and gave freely of their time whenever a request was made.

GARDENS AND GROUNDS

A new tractor was purchased complete with hydraulic attachments, which enabled the staff to keep the hospital roads and parking area cleared of snow besides being a much more efficient machine for the gardens. A new three-quarter ton pick-up truck was purchased which proved invaluable for garden work and hospital chores.

The lawns and flower beds continued to show improvement. A rock garden was built for a greater variety of color. The wards were seldom without fresh cut flower bouquets.

The vegetable garden furnished all of our summer vegetable needs and an ample supply of winter vegetables was stored in the root cellars. However, due to the very wet fall, not all of the potatoes could be harvested so that there was not a surplus.

NEW CONSTRUCTION AND RENOVATIONS

The windows and all exterior woodwork of the hospital buildings were repainted to keep them in good repair, and the garage was similarly treated. In the Main Building the entire upper floor was redecorated and the old cast iron radiators replaced with wall-type convection radiation. A stainless steel dishwasher was purchased for the kitchen.

A large storage room was built into the barn and the hayloft renovated for the storage of surplus or condemned articles of Public Health. This program was of great benefit as old bedsteads, etc. had to be stored in several attic cubbyholes that could not easily be kept clean. The building was electrically rewired and outlets provided for the truck and tractor heaters making them operational during the winter months.

One male staff was added to the Department of Public Works Boilermen relieving a senior staff member for transfer to the maintenance crew.

VISITORS

The Director of the Division of Mental Health made several visits of inspection and instruction besides accompanying the Deputy Minister of Health and the Chief of Mental Health Services of the Federal Department of Health and Welfare, Ottawa.

The Business Manager from the Alberta Hospital, Claresholm, visited at least once a month advising on all pertinent problems.

The Provincial Inspection Board made its annual visit as did the heads of the Personnel, Purchasing, and Audit and Accounting Departments. Periodic visits were made by the Department of Public Works, Electrical, Boiler Inspectors and Fire Departments.

CONCLUSION

The general health of the patients was satisfactory and there were no epidemics. Medical supplies were adequate and the clinic of medical doctors most co-operative.

There was close co-operation between all departments and the buildings and equipment were well maintained.

All of the patients remained in hospital under voluntary status.

TABLE 45
ALBERTA HOSPITAL, RAYMOND
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	Male	Female	Total
First Admissions			
Two Medical Certificates	-	2	2
Re-Admissions			
Voluntary	-	1	1
Transfers In	-	-	-
ADMISSION TOTALS	-	3	3

SEPARATIONS

Clinical Progress	M	F	T
Recovered	-	-	-
Improved	-	7	7
Unimproved	-	37	37
Died	-	3	3
TOTALS	-	47	47

Type of Separation	M	F	T
Direct Discharge	-	39	39
Transfer Out	-	5	5
Death	-	3	3
TOTALS	-	47	47

	Male	Female	Total
SEPARATION TOTALS	-	47	47
Patients on Books December 31, 1967	-	121	121
Patients on Books December 31, 1968	-	77	77
Patients in Residence December 31, 1968	-	76	76
Patients on Leave or Otherwise Absent December 31, 1968	-	1	1

TABLE 46
ALBERTA HOSPITAL, RAYMOND
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS DECEMBER 31, 1968

Diagnostic Classification	Male	Female	Total	%
Schizophrenia (All Categories)	-	56	56	72.7
Manic Depressive (All Categories)	-	4	4	5.2
Involutional Melancholia	-	1	1	1.3
Paranoia and Paranoid States	-	3	3	3.9
Senile Psychosis	-	3	3	3.9
Pre-Senile Psychosis	-	1	1	1.3
Psychosis with Cerebral Arteriosclerosis	-	2	2	2.6
Alcoholic Psychosis	-	1	1	1.3
Psychoneurosis with Somatic Symptoms (Somatization Reaction) Affecting Circulatory System	-	1	1	1.3
Mental Deficiency without Psychosis	-	3	3	3.9
Other and Unspecified Disorders of Character Behaviour and Intelligence	-	1	1	1.3
Epilepsy	-	1	1	1.3
TOTALS	-	77	77	100.0

TABLE 47
ALBERTA HOSPITAL, RAYMOND
AGE OF PATIENTS ON ADMISSION

AGES	FIRST ADMISSIONS			READMISSIONS			TRANSFERS			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 15 years												
15 to 19 years												
20 to 24 years												
25 to 29 years												
30 to 34 years				-	1	1				-	1	1
35 to 39 years												
40 to 44 years												
45 to 49 years												
50 to 54 years												
55 to 59 years												
60 to 64 years												
65 to 69 years												
70 and over	-	2	2							-	2	2
TOTAL	-	2	2	-	1	1				-	3	3

TABLE 48
ALBERTA HOSPITAL, RAYMOND
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	-	1	1
Diseases of the Respiratory System	-	1	1
Diseases of the Circulatory System	-	1	1
TOTAL	-	3	3

TABLE 49
ALBERTA HOSPITAL, RAYMOND
DEATHS BY PSYCHIATRIC DIAGNOSIS

	Male	Female	Total
Schizophrenia (All Categories)	-	2	2
Senility	-	1	1
TOTAL	-	3	3

ROSEHAVEN, CAMROSE

A. R. Schrag, M.D., C.R.C.P. (C), Medical Superintendent

MOVEMENT OF POPULATION

There were 467 patients, 247 men and 220 women, on the books at December 31, 1967. The number of patients on books at December 31, 1968, was 452, 240 men and 212 women, a decrease of 15 from the previous year. There were no patients on leave at the end of the year.

Admission of Patients

One hundred and eleven patients were admitted to Rosehaven from other hospitals within the Division, 39 being transferred in under medical certificates and 72 admitted on voluntary status. One patient was admitted directly to Rosehaven by two medical certificates.

Of the number admitted from hospitals within the Division, 90 were from the Alberta Hospital, Edmonton, 49 men and 41 women; 19 were from the Alberta Hospital, Ponoka, 13 men and 6 women; and two patients were from Deerhome, one man and one woman. There were 37 more admissions from other hospitals within the Division than in the previous year.

Thirty-seven patients were changed from medical certificates to voluntary status. At the end of the year only two patients remained on renewal certificates.

Separation of Patients

Separations numbered 128, 126 attributable to death, 69 men and 57 women, and two male patients were discharged to other hospitals within the Division.

GENERAL HEALTH OF PATIENTS

The general health of the patients was considered satisfactory considering the numerous chronic conditions and the age of the patients.

During the year, a number of patients received injuries either from accidental falls or interference by another patient. Many of these were of a minor nature requiring only first-aid measures. There were 48 accidents which required medical attention or x-ray investigation and this included 12 lacerations, 24 fractures or dislocations and 12 negative x-ray investigations. Several patients wandered from the grounds but were returned without incident.

Routine recheck chest x-rays were done on patients as recommended by the Division of Tuberculosis Control.

CLINICAL WORK

Medical care was provided by the Smith Clinic, Camrose. A doctor called regularly for this purpose as well as responding to emergency calls as needed. An average of 75 patients required bed care daily. There was no increase in the number receiving bed care but a larger number required extra bed rest each day.

Two visits were made by the dentist from the Alberta Hospital, Edmonton, for routine examination and dental care. Emergency work was done by a local dentist.

The service of a local optometrist was available and glasses were provided to patients as required.

Out of Hospital Clinical Services

During the year, 45 patients were admitted to St. Mary's Hospital, Camrose, and spent 238 hospital days receiving surgical, orthopedic and medical attention. Five patients were examined at the Smith Clinic for follow-up cancer care. Sixteen minor surgical procedures were done at the Out-Patient Department of St. Mary's Hospital.

Laboratory and X-Ray Services

Laboratory and x-ray work done at St. Mary's Hospital included 428 laboratory tests, 143 diagnostic x-rays, five electrocardiograms, beside routine chest x-rays on all staff.

Nursing Services

Nursing care of the patients was maintained at an adequate level. The greater number of debilitated patients necessitated a greater amount of total nursing care.

There were graduate nurse vacancies on the staff throughout the year and trained personnel was not available to fill the complement or for summer relief positions. Vacancies arising from resignations of untrained staff were filled.

Occupational and Industrial Therapy

Occupational therapy classes were operated throughout the year. An average of 63 patients attended classes twice a week and materials for occupational activity were supplied to patients on the wards who could not attend classes. One occupational therapy aide was added to the staff. Articles made were readily sold to patients, relatives or friends. An average of 34 patients assisted with light household tasks on the wards.

Review Panel

One complaint was forwarded to the Review Panel and the certificates were upheld.

RECREATIONAL PROGRAMS

Recreational and entertainment activities were held usually in conjunction with the occupational therapy program. An average of 91 patients had grounds privileges and were out almost daily. Large numbers were taken out as lawn groups when weather permitted.

A movie film was shown every two weeks from October to June with approximately 50 patients attending.

Card and bingo games were arranged each week with an attendance of 50. Radio and television was available on all wards. Birthday parties were held for small groups during the year.

Suitable entertainment was arranged at Christmas, Hallowe'en, Easter and Thanksgiving.

On several occasions in the summer, picnic outings were held in a nearby park. Several organizations and church groups sponsored car rides, parties or social hours for the patients and assisted with the Christmas program. Ex-servicemen were entertained by the Ladies Auxiliary to the Canadian Legion each month.

Library books and magazines were available and distributed to interested patients each week.

Weekly Protestant Church services were held at Rosehaven and arranged by the Camrose Ministerial Association. The services of a Roman Catholic priest was available when needed. Local ministers and priests visited patients and arranged services for special occasions and provided transportation for those wishing to attend services in town.

FIRE PROTECTION

An acting Fire Protection Officer conducted monthly fire drills, alternating these between the various wards. Periodic inspections of equipment and buildings with regard to fire protection were made by the Camrose Fire Chief as well as regular inspections by the acting Fire Protection Officer.

A fire of undetermined origin caused a considerable amount of damage in the auditorium of the Main Building. The response of the Camrose Fire Department and the staff to the fire alarm and their assistance rendered in evacuation of the patients was commendable.

A Disaster Plan was prepared by the staff following consultation with the Director and staff of the Alberta Emergency Health Services.

HOUSEKEEPING

The housekeeping program functioned adequately. The wards were kept comfortable and attractive. With the addition of several cleaning porters to the staff, a routine weekly floor cleaning schedule relieved the auxiliary nursing personnel of these duties.

LAUNDRY AND REPAIR SERVICES

The Laundry functioned effectively in spite of an increasing workload. A total of 1,300,000 pounds of laundry was processed, an increase of 131,350 pounds over 1967. The Sewing Room was responsible for repair services as well as making certain articles of clothing for patients and staff use.

DIETARY

The Dietary Department moved to a new location in the Services Building without interruption to the service. Meals for a daily average patient population of 470 including many special diets were prepared as well as meals for staff.

The nutritionist for the Department of Health visited to evaluate the efficiency of food preparation and assess the needs of this department.

EDUCATIONAL PROGRAM

An orientation program was given to all new staff members. In-service training continued with a series of lectures for auxiliary nursing staff.

BUSINESS ADMINISTRATION

The Business Office carried out its usual duties efficiently and in close liaison with other departments.

GARDEN AND GROUNDS

The garden and grounds were well maintained. An enclosed garden court was constructed on the lawn and large groups of patients were able to use this. Cut flowers and potted plants were supplied to the wards.

NEW CONSTRUCTION AND RENOVATIONS

During the year a new Central Services Building was completed which included a kitchen, cafeteria, stores and boiler room. A new ward building for 76 patients was nearing completion by the end of the year.

The auditorium was repaired and completely redecorated following the fire in that area.

With slight changes, the vacated cafeteria was utilized as a classroom. Plans for renovation in the Main Building to provide additional office space, a housekeeping department and staff change rooms were in the hands of the architect.

VISITORS

The Director and Assistant Director of the Division of Mental Health made several visits and their instruction and help was much appreciated. The Chief of the Mental Health Division of the Federal Department of Health and Welfare visited and toured Rosehaven. Dr. W. R. N. Blair, Director of the Alberta Mental Health Study and Professor D. Schonfield visited during the year. The Board of Visitors made their annual tour of the hospital.

DEPARTMENT OF PUBLIC WORKS

Buildings were well maintained and repairs done promptly and efficiently.

The Boiler Room moved to its new location with no interruption in service.

CONCLUSION

Admissions to Rosehaven during the year were in the form of transfers from other mental hospitals and filled beds made available by death or discharge. A more advanced state of physical and mental decline was evident in most patients received and it was noted the greater number had been cared for in nursing homes prior to admission to a mental hospital. As one would expect from the advance years of the patients, Degenerative Heart Disease, Pneumonia and Vascular Disease were the predominant causes of death.

We would like to express our appreciation to the personnel of the Department of Health for their guidance and co-operation throughout the year.

TABLE 50
ROSEHAVEN, CAMROSE
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	Male	Female	Total
First Admissions			
Voluntary	45	27	72
Re-Admissions			
Two Medical Certificates	1	-	1
Transfers In	18	21	39
ADMISSION TOTALS	64	48	112

SEPARATIONS

Clinical Progress	M	F	T
Recovered	-	-	-
Improved	-	-	-
Unimproved	2	-	2
Died	69	57	126
TOTALS	71	57	128

Type of Separation	M	F	T
Direct Discharge	2	-	2
Death	69	57	126
TOTALS	71	57	128

	Male	Female	Total
SEPARATION TOTALS	71	57	128
Patients on Books December 31, 1967	247	220	467
Patients on Books December 31, 1968	240	212	452
Patients in Residence December 31, 1968	240	212	452
Patients on Leave or Otherwise Absent December 31, 1968	-	-	-

TABLE 51
ROSEHAVEN, CAMROSE
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS DECEMBER 31, 1968

	Male	Female	Total	%
General Paralysis of the Insane	2	1	3	.7
Schizophrenia (All Categories)	58	38	96	21.2
Manic Depressive (All Categories)	10	18	28	6.2
Involutional Melancholia	-	2	2	.4
Paranoia and Paranoid States	10	11	21	4.6
Senile Psychosis	60	77	137	30.4
Pre-Senile Psychosis	2	-	2	.4
Psychosis with Cerebral Arteriosclerosis	61	42	103	22.8
Alcoholic Psychosis	6	-	6	1.3
Psychosis of Other Demonstrable Etiology	3	1	4	.9
Other and Unspecified Psychoses	3	2	5	1.1
Neurotic Depressive Reaction	3	1	4	.9
Alcoholism Without Psychosis	5	-	5	1.1
Mental Deficiency Without Psychosis	3	4	7	1.6
Epilepsy	1	-	1	.2
Other Non-Psychiatric Conditions	13	14	27	6.0
Undiagnosed	-	1	1	.2
TOTALS	240	212	452	100.0

TABLE 52
ROSEHAVEN, CAMROSE
AGE OF PATIENTS ON ADMISSION

AGES	FIRST ADMISSIONS			READMISSIONS			TRANSFERS			TOTAL			
	M	F	T	M	F	T	M	F	T	M	F	T	%
Under 15 years													
15 to 19 years													
20 to 24 years													
25 to 29 years													
30 to 34 years													
35 to 39 years													
40 to 44 years													
45 to 49 years													
50 to 54 years													
55 to 59 years													
60 to 64 years	1	-	1				-	1	1	1	1	2	1.8
65 to 69 years	7	3	10				3	2	5	10	5	15	13.5
70 and over	37	24	61	1	-	1	15	18	33	53	42	95	84.7
TOTAL	45	27	72	1	-	1	18	21	39	64	48	112	100.0

TABLE 53
ROSEHAVEN, CAMROSE
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	2	4	6
Infective and Parasitic Diseases	1	-	1
Allergic, Endocrine Systems, Metabolic and Nutritional Diseases	2	-	2
Diseases of the Blood and Blood-Forming Organs	-	1	1
Diseases of the Nervous System and Sense Organs	7	10	17
Mental, Psychoneurotic and Personality Disorders	-	1	1
Diseases of the Circulatory System	31	20	51
Diseases of the Digestive System	-	1	1
Diseases of the Respiratory System	23	16	39
Diseases of the Genito-Urinary System	1	-	1
Accidents, Poisoning and Violence*	2	4	6
TOTAL	69	57	126

*Deaths due to complications (Pneumonia, C.V. Disease) arising from fractures accidentally sustained. All patients of advanced age, 75 to 91 years.

TABLE 54
ROSEHAVEN, CAMROSE
DEATHS BY PSYCHIATRIC DIAGNOSIS

	Male	Female	Total
General Paralysis of the Insane	2	-	2
Schizophrenia (All Categories)	13	5	18
Manic Depressive (All Categories)	-	2	2
Involutional Melancholia	1	1	2
Paranoia and Paranoid States	1	2	3
Senile Psychosis	23	26	49
Presenile Psychosis	1	-	1
Psychosis with Cerebral Arteriosclerosis	18	10	28
Psychosis of Other Demonstrable Etiology	2	-	2
Other and Unspecified Psychoses	4	-	4
Other and Unspecified Psychoneurotic Disorders	-	1	1
Mental Deficiency	-	1	1
Senility Without Mention of Psychosis	4	9	13
TOTAL	69	57	126

INSTITUTIONS FOR MENTAL DEFECTIVES

ALBERTA SCHOOL HOSPITAL
RED DEER

L. J. le Vann, L.R.C.P. Edin., L.R.C.S. Edin., L.R.F.P.S. Glas., Superintendent

MOVEMENT OF POPULATION

The number of patients enrolled at Alberta School Hospital at the end of 1968 was 1,008, an increase of 31 over the previous year.

There were 149 new applications for admission submitted during 1968.

Admission of Patients

Fifty-five male and 54 female patients were admitted during the year, of whom eleven were readmissions. All patients admitted to this School were voluntary patients, with applications for admission submitted either by parents, guardians, or the Department of Child Welfare. All patients who had attained their majority remained at the School as voluntary patients, having signed voluntary admission forms. This is in keeping with the custom of previous years.

Separation of Patients

Fifty-five patients were discharged from the School, mainly to work situations. There were no discharges by elopement. There were 23 deaths, 16 of them at the Baker Memorial Sanatorium, where high risk children were cared for and admitted, mainly due to gross neurological disorders.

GENERAL HEALTH OF PATIENTS

The health of patients remained unremarkable. There were two sporadic out-breaks of gastrointestinal infection, mainly associated with villas housing total-care patients. Accidents were of a minor nature and there were no suicides.

Upon admission or employment all patients and staff were x-rayed, rectal swabs were taken to exclude infection or carrier state of any of the gastrointestinal diseases. Throat and nose swabs were taken to detect carriers of diphtheria. Immunological procedures were carried out for typhoid and para typhoid fevers, poliomyelitis, whooping cough and tetanus.

CLINICAL WORK

Whereas the mentally limited patient showed perhaps a greater than average tendency for psychoneurotic and in some cases psychotic reactions, requiring special psychiatric care and prescription, in the main the therapeutic milieu consisted of conditioning the patients to acquire a triad of habits designed to make them more operative in the civil community. These were mainly personal cleanliness, industriousness and honesty in inter-personal dealings. This conditioning was made more difficult due to the relative inability of the retarded patient to reason abstractly, thereby minimizing the value of second signal response. Nevertheless, the discharge of the number of patients and the low readmission rate, has, over the years, proven the value of the form of training carried out at this School Hospital.

It should be borne in mind that admissions to this School were invariably those patients who have failed to make acceptable adjustments in day schools, detention homes and other remedial organizations. The school (academic) program as well as the vocational training program were orientated towards a realistic pragmatic training approach. Esoteric educational standards have over the years, become historical.

The difficulties of retaining or employing medical staff at this School were made apparent, largely because we do not, in Canada, recognize a specialty of Mental Deficiency, nor indeed is there any form of training given in this country for doctors wishing to specialize in this field. However, the School was fortunate in being able to obtain consultant help from the many medical practitioners, both in general practice and the specialist calibre, so that there was no dearth of required medical services.

Dental services were carried out by a dentist who divided his work load between Deerhome and Alberta School Hospital.

Medical records were maintained on all patients on a yearly basis.

Out-Patient Services

Out-patient services included 15 referrals from the Attorney General's Department, as well as 12 examinations of children and interviews with parents, who were either referred by Guidance Clinics or made their own appointments so their children could be seen at this School.

Out of Hospital Clinical Services

Ten patients were referred to the Red Deer General Hospital during the year and three patients referred to the University Hospital, Edmonton, one suffering from a brain tumor and the others suffering from congenital heart disease. In addition, 72 major and 53 minor surgical procedures were carried out at this School by the consultant surgeon.

Special Pathological Services

Five autopsies were carried out during the year in order to more clearly localize causes of death. In none of these autopsies was it found that death was attributable to other than normal causes.

X-Ray, Laboratory, Electroencephalography

There were a total of 1,478 X-ray pictures taken and of these 32 were done for Deerhome. One hundred and ninety E.C.G.'s were also carried out by our X-Ray Technician.

The Laboratory carried out 6,260 examinations at this School and sent 1,840 specimens to be analyzed either at the Provincial Laboratory or private laboratories.

One hundred and fifty-eight E.E.G.'s were carried out at the School for patients in residence, patients from Deerhome and patients referred by the general medical practitioners of this locality.

Nursing Services

Due to the restriction of nursing services as a result of the new two year training program for nurses taking the course in Mental Deficiency Nursing and therefore not available for villa nursing services, there was some increase in minor accidents to patients, which were not preventable. Otherwise a high standard of nursing was carried out in all phases of pediatric nursing.

Occupational and Industrial Therapy

One hundred and sixty-three trainees attended the occupational therapy program. In addition, during the year 16 female patients attended cooking classes in order to make them more proficient workers for community life and 15 attended domestic art classes. Classes were held five days a week and many more patients could have spent a greater time in this area with profit, but were unable to do so due to lack of space and restriction of staff.

It should be noted that the overall average age of patients at this School has diminished considerably due to a large measure with the lowering of the admission age from six years to four years and the substantial transfer over the years of nearly 400 adult patients to Deerhome who were replaced by a relatively young population. As a result a more embracing training program had to be introduced for the young population without any compensating extension of scholastic, occupational or vocational training facilities.

Despite the crowding difficulties encountered, this department was able to enter 61 items in the Calgary Stampede Exhibition. Of these entries major prizes were awarded as follows:

1st –	27 prizes
2nd –	22 prizes
3rd –	10 prizes

In the Edmonton Klondike Days Exhibition of 61 entries submitted by the Occupational Therapy Department distinct from the entries submitted to the Calgary Stampede, 55 major prizes were awarded, which indicated the level of proficiency attained by the students of this School.

In addition to these prizes, the School received the two Grand Award Prizes for rug making for the third consecutive year from both the Calgary Stampede and Edmonton Klondike Days Exhibition, respectively.

Twenty-one classes a week were held in vocational training. 196 trainees attended these classes. A large number of woodwork items, furniture and upholstery, as well as maintenance work was carried out by the trainees at the Gull Lake Cottages, as well as at the School. This experience has proven a very valuable feature of instruction for male patients likely to be discharged from this School.

Twenty boys participated in the Farm Training Program. This program was designed to instruct boys in all aspects of agricultural and horticultural activities generally carried out on a modern farm. This included the care of beef and dairy cattle, pigs, chickens, as well as extensive greenhouse work, sowing and harvesting of garden vegetables, as well as producing coarse grains and wheat for animal fodder. The modern machinery and equipment were available at this School so that all the trainees who were not physically incapacitated from operating these machines were given the opportunity of becoming proficient and careful in their use. It should be noted that there was not one single accident during the year's training program with heavy and light farm machinery.

Social Service Department

The placement officers carried out their activities as in previous years on behalf of our trainees. Sixty-six admission interviews and 306 office interviews were conducted, as well as 170 trainee home and placement visits, 263 shopping and miscellaneous trips and arrangements made for 47 daily job placements and 18 discharges for trainees to work situations.

Department of Psychology

The Department of Psychology had many patients referred to it for psychological assessment, particularly psychometric rechecks for all patients who were presented to the Eugenics Board. It performed the dual function of maintaining psychological services at Alberta School Hospital, as well as at Linden House. The Educational Psychologist also functioned in both capacities, namely, as senior psychologist at the academic school maintained here, as well as therapists at Linden House.

RECREATIONAL PROGRAMS

The recreational program has maintained its impetus of previous years. The tabulated trainee recreational hours are self-explicative. There were 138,162 trainee hours spent in the gym with a daily average of 379 patients in attendance every day. Here the patients were given instruction in calisthenics, group games, as well as participating in many social functions, dances and attending a cinema performance every week. Many outings were also arranged by the recreational department to concerts, plays and hockey matches in the City of Red Deer.

Library Programs

The library was maintained for nursing staff, the school staff and children, as well as the medical and professional staffs. The funds allowed for these libraries, whereas relatively generous in previous years, have, with the general increase of the cost of books and magazines, become ipso facto most attenuated.

Religious Programs

Religious programs are carried out by four visiting ministers of the Protestant faith and Priests of the Catholic faith on a weekly basis on behalf of those children who could benefit through attendance of these services.

EUGENICS BOARD

The Eugenics Board held four meetings at the Alberta School Hospital. Fifty-three cases were presented to the board. Forty-eight cases were passed clear and five were deferred. Of this number presented, nine were Deerhome cases, eight passed clear and one being deferred. A total number of 51 sterilizations were performed. Fourteen males and 20 females, seven females being out-patients, from Alberta School Hospital and 11 males and six females from Deerhome.

FIRE PROTECTION

Organization was accomplished by a part time Fire Chief, responsible to the Medical Superintendent for organization and implementation of a comprehensive and effective fire control program.

This program included a 21 man volunteer fire crew who were always on call. Three men were on all night duty in the Fire Hall on a rotational basis and remain there for a twelve hour shift.

Training of this crew was accomplished by at least two periods of instruction each month, both in theory and practical application of all fire fighting equipment.

Two crewmen attended the Pump Operator's Course for one week at the Fire School at Vermilion and the Chief and Assistant Fire Chief attended the Fire Officer's Training Course, Part 1, for a period of one week.

Ward charges and department heads were given instruction for emergency procedures (turning in alarms, use of extinguishers, evacuation plans) and are directly responsible for the implementation of these plans in their own areas until the arrival of the fire crew.

Maintenance and service of fire apparatus, truck, equipment and extinguishers, fire detecting and reporting systems was accomplished through requisition to the Department of Public Works Maintenance Department.

An effective and comprehensive fire prevention and control service was maintained through staff training, building inspections, evacuation drills, maintenance of a functional crew and apparatus through consistent training, regular periodic checking of truck, ancillary equipment, apparatus, fire doors, chutes, escapes and fire extinguishers.

The fire crew responded to two false alarms during the year. There were two minor fires, one a mattress fire in male staff quarters and the other, the contents of a dryer in the laundry. Both were extinguished expeditiously with little secondary damage.

In July the fire engine was called out to the City Eastview School to assist as standby and reinforcement for the City of Red Deer. Several of our crew were at the fire from 7:30 p.m. until 3 a.m. the following morning. The School's fire department was commended by the Mayor of Red Deer and the Fire Department Fire Chief for their valuable help in combating this extensive blaze.

A new fire truck and equipment were received in March.

Complete records of crew activities were kept and a written report submitted monthly to the Medical Superintendent.

HOUSEKEEPING

One housekeeping staff supervisor was responsible for the cleaning and maintenance of the main building, residence and offices; new female staff quarters, male staff residence, two school buildings, occupational therapy building and vocational training building and lecture hall for staff. There were 35 housekeeping domestics carrying out these duties. In addition there were 29 domestic staff assigned to the villas whose work was carried out under the direct supervision of the charge nurse.

LAUNDRY AND REPAIR SERVICES

No major changes took place in the laundry and other than a few problems arising out of the distribution of uniforms, clothing and linen, this department has functioned fairly well. The average weekly pounds washed has again shown a slight increase from 44,500 pounds in 1967 to 47,700 pounds in 1968.

The 1968 work load increased in all areas of the Linen repair department over 1967 and space was found to be limited for the amount of work that required to be done. Linen repair included sheets, towels, pillow slips, curtains, clothing for all trainees, heavy articles, such as canvas, denim, etcetera, all staff uniforms, aprons, jackets, trousers and combinations.

DIETARY

The Dietary department functioned as in previous years providing attractive and tasty meals for both patients and staff. Over the years this department has maintained a high calibre of food production and service and comparison with other areas has generally been very favorable to Alberta School Hospital.

EDUCATIONAL PROGRAMS

Nursing

A new nursing training program was commenced which presented the following features.

The three year training program for nurses was condensed into a two year program and the total number of hours of academic classroom work was increased by nearly three hundred (300) per cent. Whereas this program remained malleable, hours of lectures of mental deficiency nurses comprised approximately seven hundred (700) hours of classroom work, plus laboratory sessions on the villas, clinical building, recreational department and occupational therapy areas.

One hundred and three junior (first year) students commenced the program. Number of senior (graduate) students in the program was 34.

The graduating class of 1968 consisted of 18 students, 15 female and three male. Two other students completed the nursing training program, but resigned prior to graduation.

It is too early to be able to determine all the advantages this program will offer to both nursing staff, as well as patients, which should be the prime consideration. There is little doubt that the general theoretical knowledge being covered in the new course is considerably more extensive and all embracing than in the previous teaching program which was devised many years ago.

Considerable emphasis is being placed on pediatric and surgical care of the patients, as well as greater emphasis on child psychology, psychiatry and general child care.

The new program included rotation of students to all villas of the School so there was a comprehensive didactic familiarization with all forms of mental deficiency and the care and training of these groups, as well as a period of rotation for at least three months on Linden House, a unit for emotionally disturbed children of normal or better intelligence.

It is considered this program for the training of nurses in Mental Deficiency and Pediatric Nursing combination is the only one of its kind on this continent and only paralleled in Great Britain by the course given to nurses in the care of sub-normals for which state registration is granted.

In-Service Training

All ward aide and attendant staff, other than mental deficiency graduates were provided with a three week in-service training program in order that they might become familiar with the functions and philosophy of the care program evolved for the patients at Alberta School Hospital.

BUSINESS ADMINISTRATION

Financial – General

The net cost for 1967-68 was $10.13 per patient day compared to $9.34 for 1966-67. Higher salaries and increased food prices were principal factors for the rise in cost. Preliminary figures for the current year did not indicate any appreciable increase in the patient-day cost.

Stores and Purchasing

The provision of adequate budgets and the normal availability and delivery of all items has enabled this department to operate smoothly and efficiently.

FARM, GARDENS AND GROUNDS

Field crops – Heavy second and third growth due to stooling late in the summer as a result of a dry spring followed by extremely wet weather caused grain crops to be of poor quality and difficult to harvest. Hay crops were very light, particularly the first cut.

Dairy Herd – Pastures stood up well and milk yields for the summer compared favourably with last year.

Beef Herd – The beef cows finished the summer in good shape. Our calves were weaned in the fall at good weights and steers went into the feed lot in good condition for finishing.

Hogs – Average size of litters is down slightly from last year, but hogs are generally of good quality. Since the bonus on Grade A hogs has been reduced it pays us to let hogs get a little bigger without putting on excess fat before butchering them.

Poultry – Average egg production to date is somewhat higher than last year with approximately 870 dozen per month.

Vegetable Crops – Most crops were average, but had to be harvested in wet condition, which may make keeping qualities doubtful. Potatoes, however, were above average yield and some surplus potatoes were sold to the Baker Memorial Sanatorium.

. Grounds – The camp area was completely relandscaped and the school playground area enlarged. The triangular hillside area beside 40th Avenue has been smoothed off and fill and black dirt hauled in preparatory to seeding next year.

VISITORS

Many group classes visited the School, among which were: Department of Educational Psychology students, University of Alberta; Public Health Nursing Students, University of Alberta, Edmonton; Dental Department, Red Deer Health Unit; Lacombe Ministerial Association; Calgary Cerebral Palsy Social Service Clinic Staff; Dr. Cameron, Dr. Das and graduates from the Educational Psychology Department, University of Alberta, Edmonton; Foster Parents Association representatives, Edmonton; Teachers from Alberta Association for Teachers of the Retarded: Dr. Martin, Professor and Director, Department of Pediatrics, University Hospital, Edmonton; Mount Royal College Nursing Students, Calgary; Women's Institute Groups; Staff and Volunteers, Cerebral Palsy Day Care Centre and Kindergarten, Calgary; Social Service Department Staff, Glenrose Provincial General Hospital, Edmonton; Board of Management, Glenrose Provincial General Hospital; Miss Dorgan, Ottawa, Mr. Talbot, Winnipeg and Mr. Irwin, Edmonton, representatives from Department of Manpower and Immigration; Sociology Students, Red Deer Vocational High School; Dr. Frost, Dr. Brown and Dr. McKerracher, Division of Clinical Diagnosis and Special Education, University of Calgary; Psychology students, Lindsay Thurber High School, Red Deer; Students from Mac Central High School, Alix; Psychology students, Theresetta School, Castor; Dr. McKie, Supervisor of Special Education and Mr. Bergman; Staff, Industrial Research and Training Centre, Edmonton; Members of the committees for the Alberta Mental Health Study for the Province of Alberta.

In addition to these visitors, the Board of Visitors visited the School, July 30th, as well as the Honourable Dr. J. Donovan Ross, Minister of Health, the Honourable Gordon Taylor, Minister of Highways; Dr. A. Ralph Schrag, Director and Dr. F. J. Edwards, Assistant Director, Division of Mental Health.

EXTRA MURAL ACTIVITIES

An original scientific paper was presented to the Canadian Medical Association Meeting in Saskatoon, Saskatchewan, on drug research. A paper was also presented at the Congress on the Prevention of Mental Retardation, Detroit, Michigan, U.S.A. Members of the staff also attended National Conference on Mental Retardation, Canadian Association for Retarded Children to participate in a panel. As in previous years, staff members were called upon to give talks on mental deficiency, methods of treatment and details of nursing program provided at Alberta School Hospital, to various public groups and Career Nights at High Schools.

DEPARTMENT OF PUBLIC WORKS

Relations with the Department of Public Works Maintenance Branch have been fairly good during the year in that the majority of items listed on daily work orders issued to them have been carried out efficiently.

A. Maintenance

Minor maintenance jobs were carried out on many of the villas whenever required, consisting mainly of cupboards, replacement of doors and shelves where required. Several of the villas also had painting done both inside and outside.

B. Mechanical

There was some improvement in the air conditioning system at the Junior Pediatric Unit by the installation of two air compressors.

PHILOSOPHICAL CONSIDERATIONS

As a minimum estimate, there are approximately 400 children born in the Province of Alberta each year, suffering from frank mental deficiency for whom provision, other than the normal school system must be made. The alternatives available at the present time are Alberta School Hospital or the day schools for retarded children.

The bed accommodation has not increased at Alberta School Hospital for the past four years.

Deerhome, originally designed to accommodate superannuated patients at Alberta School Hospital, has not been able to fulfil this function, due to demands for admission to that institution from several other areas, which are deemed to be of a priority nature.

As a result, the waiting list at Alberta School Hospital has been increasing yearly, so that at the present time there are in excess of 600 applications awaiting admission, of which well over 300 must be deemed urgent. Pressing demands are received at the School daily from the Department of Child Welfare, the Alberta Guidance Clinics, as well as the University Hospital, for urgent admissions. In the main, pre-school age children showing gross physical abnormalities have been able to be accommodated at the Baker Memorial Sanatorium, Pediatric Unit for retarded children. However, at the year's end, even this area had reached its maximum occupancy and there were no areas contemplated for immediate occupancy.

It would appear clearly impossible to continue building beds on a yearly basis to conform to the accommodation requested. It is, therefore, clear that some means, other than hospital accommodation, should be provided for patients of three categories.

1. Those patients who have received adequate training who have been conditioned to accept and conform to social and economic requirements of a normal community.
2. Patients who are relatively well trained who perform some useful function, but who, because of physical defect or impairment are not able to survive in a normal community.
3. Patients who by virtue of severe mental limitation or gross physical defect require basic nursing care in order to survive.

It is not unlikely that alternative accommodation could be provided for the last group of patients at a much cheaper rate than as at present provided at Alberta School Hospital and in this way liberate accommodation for trainable and educable children. There is no doubt that the first group of patients should be settled in communal areas where they can be socially productive to a point where their productivity is adequate to provide for their needs, both economic and social.

The second group of patients could equally be well looked after in institutional or hospital settings, such as Deerhome was originally devised for.

The Parent School Organization for Alberta School Hospital have accepted as part of their project for the coming year, the establishment of a large farm community to house anywhere between 50 and 100 patients who could be productive in handicrafts, farm work and carpentry to be conducted along the lines of a Hutterite Colony. This should relieve the School almost immediately of at least 50 patients. They have also made plans to purchase a girls hostel in the City of Red Deer to house approximately ten stable productive retarded girls who are at present going into town every day to do housework, babysitting, etcetera, returning only to the School at night.

It would seem that there has not yet been established a fully integrated program, including the day schools for retarded children, the School Hospital and Deerhome, who care for children, on a residential basis, so as to ensure the best return, both from the point of view of effort, as well as finances, in the dealing with the serious and numerically increasing problem of mental deficiency and its sequelae.

CONCLUSION

The School is indebted for the efforts made on behalf of Alberta School Hospital by the Honourable Dr. J. Donovan Ross, Minister of Health; for the sympathy and support he has always given to this School, as well as to the Director and Assistant Director, Division of Mental Health, who have always been available to help solve the day to day problems whenever called upon.

It is also fitting at this time to commend all the staff members of Alberta School Hospital who have, over the years, not regarded their work as just a "job", but as a means of providing a loyal and dedicated service to the children resident at this School.

TABLE 55
ALBERTA SCHOOL HOSPITAL, RED DEER
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	Male	Female	Total
First Admissions			
Voluntary	47	51	98
Re-Admissions			
Voluntary	8	3	11
Transfers In	-	-	-
ADMISSION TOTALS	55	54	109

SEPARATIONS

Clinical Progress	M	F	T	Type of Separation	M	F	T
Recovered	-	-	-	Direct Discharge	35	19	54
Improved	33	20	53	Discharge from Unauthorized Leave	-	1	1
Unimproved	2	-	2				
Died	12	11	23	Death	12	11	23
TOTALS	47	31	78	TOTALS	47	31	78

	Male	Female	Total
SEPARATION TOTALS	47	31	78
Patients on Books December 31, 1967	541	436	977
Patients on Books December 31, 1968	549	459	1,008
Patients in Residence December 31, 1968	421	358	779
Patients on Leave or Otherwise Absent December 31, 1968	128	101	229

TABLE 56
ALBERTA SCHOOL HOSPITAL, RED DEER
DIAGNOSIS OF FIRST ADMISSIONS AND RE-ADMISSIONS WITH REFERENCE TO DEGREE OF MENTAL RETARDATION

DIAGNOSIS	FIRST ADMISSIONS			RE-ADMISSIONS			TOTALS		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Idiot	16	15	31	-	-	-	16	15	31
Imbecile	14	21	35	3	1	4	17	22	39
Moron	13	12	25	3	1	4	16	13	29
Borderline	4	2	6	2	1	3	6	3	9
Other and Unspecified	-	1	1	-	-	-	-	1	1
TOTAL	47	51	98	8	3	11	55	54	109

TABLE 57
ALBERTA SCHOOL HOSPITAL, RED DEER
AGE GROUPS OF FIRST ADMISSIONS AND RE-ADMISSIONS

AGE GROUP	FIRST ADMISSIONS			READMISSIONS			TOTALS		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 15 years . .	42	50	92	5	2	7	47	52	99
15 to 19 years . .	5	1	6				5	1	6
20 to 24 years . .				3	1	4	3	1	4
25 to 29 years . .									
30 to 34 years . .									
35 to 39 years . .									
40 to 44 years . .									
45 to 49 years . .									
50 to 54 years . .									
55 to 59 years . .									
60 to 64 years . .									
65 to 69 years . .									
70 and over									
TOTAL	47	51	98	8	3	11	55	54	109

TABLE 58
ALBERTA SCHOOL HOSPITAL, RED DEER
DIAGNOSIS OF PATIENTS ON BOOKS DECEMBER 31, 1968

	Male	Female	Total	%
Idiot	108	124	232	24.0
Imbecile	306	246	552	52.8
Moron	127	85	212	22.0
Borderline	8	4	12	1.2
TOTAL	549	459	1,008	100.0

TABLE 59
ALBERTA SCHOOL HOSPITAL, RED DEER
AGE OF PATIENTS ON BOOKS DECEMBER 31st, 1968
WITH REFERENCE TO DEGREE OF RETARDATION

Age Group	Idiot			Imbecile			Moron			Borderline			Total		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0-4	17	19	36	12	15	27	-	2	2	-	-	-	29	36	65
5-9	34	28	62	77	53	130	21	6	27	1	-	1	133	87	220
10-14	30	31	61	113	73	186	42	28	70	3	2	5	188	134	322
15-19	10	12	22	65	61	126	38	26	64	3	2	5	116	101	217
20-24	8	7	15	17	25	42	20	14	34	-	-	-	45	46	91
25-29	1	13	14	9	9	18	5	6	11	1	-	1	16	28	44
30-34	4	4	8	7	2	9	1	-	1	-	-	-	12	6	18
35-39	2	-	2	1	1	2	-	-	-	-	-	-	3	1	4
40-44	2	4	6	2	2	4	-	1	1	-	-	-	4	7	11
45-49	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
50-54	-	4	4	-	2	2	-	1	1	-	-	-	-	7	7
55-59	-	2	2	-	1	1	-	1	1	-	-	-	-	4	4
60-64	-	-	-	1	2	3	-	-	-	-	-	-	1	2	3
65-69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70-74	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
TOTALS	108	124	232	306	246	552	127	85	212	8	4	12	549	459	1008

TABLE 60
ALBERTA SCHOOL HOSPITAL, RED DEER
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	-	1	1
Infective and Parasitic Diseases	-	1	1
Mental, Psychoneurotic and Personality Disorders	1	1	2
Diseases of the Nervous System	2	3	5
Diseases of the Circulatory System . . .	1	-	1
Diseases of the Respiratory System . . .	5	2	7
Diseases of the Digestive System	-	1	1
Diseases of the Genito-Urinary System	1	-	1
Congenital Malformations	2	2	4
TOTAL	12	11	23

TABLE 61
ALBERTA SCHOOL HOSPITAL, RED DEER
DEATHS BY DEGREE OF MENTAL RETARDATION

CLASSIFICATION	Male	Female	Total
Idiot	7	5	12
Imbecile	3	6	9
Moron	1	-	1
Borderline	-	-	-
Other and Unspecified	1	-	1
TOTAL	12	11	23

DEERHOME, RED DEER

J. M. Brown, M.B., Ch.B., D.P.H., Medical Superintendent

MOVEMENT OF POPULATION

The number of patients in residence on December 31, 1967, was 1,228 of whom 682 were male and 546 were female. On December 31, 1968, the number of patients in residence was 1,229 of whom 674 were male and 555 were female; in addition 132 patients were still out on leave of absence (82 male and 50 female).

The number of patients on books at the end of 1968 was 1,361, comprised of 756 male and 605 female, which represented an increase of one over the previous year.

Admission of Patients

There were 34 male patients and 30 female patients admitted for a total of 64 patients. This represented an increase of 30 admissions over the preceding year. All but two of these admissions were voluntary, the exceptions were one transfer on a renewal certificate and one readmission on two certificates. One of the voluntary admissions came from gaol.

During the year under The Mental Health Act the status of seven patients was changed from voluntary to certificate and the status of 15 patients was changed from certificate to voluntary. In all there were, as of December 31, 14 males and nine females on certificate.

Separation of Patients

A total of 47 patients were discharged, of whom five were discharged while absent without leave and 20 discharged from leave of absence. There were 16 deaths.

GENERAL HEALTH OF PATIENTS

The general health of the patients was maintained at a satisfactory level, bearing in mind the numerous chronic disabilities from which many of the patients suffer.

Forty-nine fractures resulted from accidents, most of these were not of a serious nature. Six hip fractures resulted in long periods of confinement to bed.

The total number of accidents was 1,733, many were lacerations and abrasions.

During the year 32 patients were absent without leave, 18 were out overnight.

No suicides occurred.

There were four cases of infectious hepatitis, all of a sporadic nature. No patients were found to be carrying virulent diphtheria organisms.

Four patients were discovered to be suffering from Shigella sonnei – Dysentery.

Five cases of chicken pox occurred in adult patients. It is some three years since cases of this disease have occurred.

There was a total of 387 cases of Staphylococcal infection. These were cases of ear and throat infections, boils, abscesses and infected fingers and toes.

Notifications were made to the Medical Officer of Health as required.

A complete chest x-ray survey of all patients and staff was commenced in October. In addition tuberculin skin testing of all staff and patients was undertaken except in the case of known positive reactors.

All patients and staff were given T.A.B.T., Poliomyelitis Vaccine, Schick tests, and Diphtheria protection where required. Gamma Globulin was given to staff and patients in close proximity to the cases of Infectious Hepatitis.

CLINICAL WORK

The Director of the Alberta Guidance Clinic, Red Deer, visited once per week in the capacity of consultant to assess and treat those patients with psychiatric and emotional problems. He made rounds of the wards and was also available to advise the staff in the care of such patients.

Medical care was provided by the Parsons Clinic and full-time medical staff; approximately 146 patients per week were seen by the doctors for varied ailments, medical and surgical consultations and accidents. In all 7,592 examinations were made. The consultant surgeon made nine visits and 112 patients were presented for surgical consultation. Fifty-five patients were admitted to the Red Deer General Hospital for surgery; 15 had minor surgery and 40 had major surgery performed.

Dental clinics were held regularly, 107 clinics in all. A total of 1,862 examinations were done, 301 fillings were done and numerous treatments were carried out. There were 629 extractions, a proportion of which were carried out under local anaesthetic. Twenty-four patients required general anaesthetics which were undertaken at the Alberta School Hospital. Twenty-five patients were supplied with new dentures and 198 dental plates were repaired and adjusted.

Seventy patients were examined by the optometrist and 70 patients were fitted with glasses. There were 156 pairs of glasses repaired. Ninety-nine visits were made to the local ophthalmologist for specialist examination and treatment.

Out-Patient Services

Preliminary discussions regarding possible assessment and training for some of our patients at the Vocational and Rehabilitation Research Institute, Calgary, were held. It is likely that this Institute will open in April of next year and it is hoped that it will be possible for some of our patients to have such training.

A number of relatives have made inquiries regarding the Industrial Research and Training Centre, Edmonton, and have been referred to that Centre. To date none of our patients has been accepted for training.

Out of Hospital Clinical Services

Ten patients were admitted to the Red Deer General Hospital for observation and treatment. Thirty-four patients had minor surgery at Parsons Clinic and five patients were admitted to the Alberta School Hospital for surgery, two minor and three major.

Seventy-seven Deerhome patients were seen as outpatients at the Red Deer General Hospital. These visits were for consultations and treatment.

One patient was admitted to the Richard Parsons' Auxiliary Hospital, being transferred from the Red Deer

General Hospital for long term care following fracture of the femur.

Three patients attended the Cancer Clinic, Edmonton, for follow-up assessment and advice. Six visits were made.

At the request of Parsons Clinic, six patients were admitted to the Alberta Hospital, Edmonton, for treatment which it was considered advisable to be undertaken in an active treatment Government hospital rather than the local general hospital. Four of these were medical cases, one was for psychiatric treatment and one was for surgery. The conditions were as follows:

1. Tuberculoma of brain
2. Bronchial plug with some atelectasis
3. Disease of the Thoraco-lumbar spine
4. Non-specific inflammatory process, right side of chest
5. Psychiatric assessment
6. Review of urinary function and change of suprapubic catheter.

Six patients were admitted to the Alberta Hospital, Ponoka, for lobotomy, following which they were returned to Deerhome. Two patients were admitted to the Alberta School Hospital, Red Deer, for further schooling. Two patients were admitted to Rosehaven, Camrose, as it was considered that this hospital would be more suitable on account of their age and condition.

Special Pathological Services

Three bone-marrow biopsies were undertaken by the pathologist at the Red Deer General Hospital. Four autopsies were done by the pathologist of the Red Deer General Hospital.

X-Ray and Laboratory

Routine chest x-rays of all patients admitted were taken. There were 338 diagnostic x-rays taken at Deerhome and a further number of diagnostic x-rays were taken either at the Red Deer General Hospital or Parsons Clinic. In addition it was decided that a complete chest x-ray survey of patients and staff would be commenced. This was possible when a full-time radiographer was appointed the beginning of October. Nine hundred and eighty-four chest survey x-rays were taken and forwarded to the Baker Memorial Sanatorium for interpretation. Eight hundred and fifty Mantoux skin tuberculin tests were also done.

Fourteen patients had electroencephalogram examinations and 34 patients had electrocardiogram examinations.

The Laboratory did routine blood work and urinalyses on every patient once during the year, as well as numerous tests ordered by the consultant physicians. All patients on tranquilizers and epileptic medications had urinalyses, white blood counts and haemoglobin estimations undertaken more frequently.

Nursing Services

The nursing services were maintained at a satisfactory level but it was found somewhat difficult to recruit to the more highly trained nursing positions. An attempt was made to overcome this by employing individuals with requisite training and experience in part-time capacities.

Occupational and Industrial Therapy

The total number of patients attending occupational therapy classes was approximately 266 daily with approximately one-third being male patients.

Many articles of a very high standard were made in woodwork, leather, rugs, basketry, ceramics, embroidery, knitting and hand weaving. In addition there were many occupational therapy classes held on the wards for those patients incapable of doing intricate handwork or of concentrating for long periods, and for many aged and infirm patients who were unable to make the trip to Beaver House without being exposed to severe weather conditions and possible accidents due to icy sidewalks.

Thirty-nine articles were entered in the Red Deer Fair for which 39 prizes were awarded.

The Annual Tea and Sale held in November met with its usual outstanding success and all but a few small articles were sold.

Many patients were able to work for nominal payment at selected places of employment under supervision. There were 25 to 50 boys working out on a daily basis from May 1st to October 1st, and 32 boys worked out on a monthly basis for an average of seven months of the year. Twelve others were exposed to farm work for the first time and are now awaiting placement. A total of 8,000 working days were accumulated by male patients working out on a daily basis. A total of 38 girls worked out on a daily basis and nine on a regular monthly basis.

Clean-up projects were undertaken under contract for the City of Red Deer. These projects proved successful inasmuch as it gave a number of handicapped patients a chance to earn their own spending money under the supervision of staff. Another project worth mentioning was the work the patients were able to do in connection with the Annual Alberta Air Show sponsored by the Red Deer Chamber of Commerce. Fencing was erected for crowd control and removed following the Show.

Approximately 396 male and female patients assisted with the routine work in various departments of Deerhome, such as the laundry, kitchen, stores, and male and female staff residences, as well as working at various seasonal occupations. The quality of their work varied tremendously but the basic need of the patient to fulfil some occupation was considered of primary importance.

The Placement Officers visited 441 homes and factories, et cetera, where Deerhome patients were placed. Many visits were also made in attempts to find new employment opportunities for patients. A close liaison was maintained with the Department of Public Welfare.

Department of Psychology

Until June the service of a Psychologist for two days per week was available. No help has been available since. During the first part of the year a very considerable amount of testing and interviewing was undertaken, and this was supplemented by the help of the Alberta Guidance Clinic, Red Deer, particularly during the months of June, July, and part of August. Clinical sessions at which the Nursing Office personnel, Placement Officers, Psychologist and Medical Superintendent were present were held.

Review Panel

A Review Panel was held at the Alberta Hospital, Ponoka, at the request of a relative of one of the patients in Deerhome. The Panel did not see fit to change the certificate of the patient concerned.

RECREATIONAL PROGRAMS

An excellent recreational program was followed throughout the year with careful consideration being given to each patient's limitations, both mental and physical.

Walking parties (weather permitting) were carried out daily with as many patients participating as were physically fit to do so.

Physical fitness classes were carried out routinely with ingenious methods used to activate the wheelchair patients.

There were 1,094 attendances at swimming classes which were held three times weekly at the downtown swimming pool.

Skating (399 attendances) took place on the Deerhome rink and a number of boys took part in hockey games.

Patients were able to take part in bowling at the downtown bowling alley with 755 attendances.

During the summer there were 1,358 attendances at regular bike riding parties. The patients also participated in tennis and badminton.

During the winter tobogganing proved a favourite sport.

Other pastimes enjoyed in the Recreation Hall were square dancing, record hops, and round dancing (19,850 attendances). Inside games included bingo, table tennis, cribbage, and card parties. Many patients continued to derive much pleasure from television sets, radios, record players and pianos.

Other numerous entertainments enjoyed were film shows, professional hockey games downtown, professional football games in Edmonton, concerts both at Deerhome and downtown, bus rides and picnics, including trips to the Calgary Zoo, and tours to see the Christmas lights.

The Annual Deerhome Fair was held in August and approximately 1,086 patients were able to attend. The Annual Picnic was held on Dominion Day and approximately 530 patients attended.

The Red Deer Parade and Fair was attended by 586 patients and 287 patients attended the afternoon performances.

In July the Deerhome Parade was held for the first time. Floats were excellently decorated and patients took part in all aspects of this parade. Some 1,300 patients were involved and thanks are due to the various outside agencies who participated and helped to make this venture an outstanding success. It is hoped that this will be an annual parade.

This year summer camp facilities were obtained. These were provided at Kannawin Presbyterian Camp, Sylvan Lake, and were operated on a daily basis with transportation from Deerhome. It is hoped that we will be able to have similar facilities each year and would like to thank the Ministers of the Presbyterian Churches for permitting us to use these facilities. Five hundred and four patients were transported to this camp and all enjoyed the outing very much.

The Christmas season brought many extra treats for the patients. Under the organization of the Recreation Director, the talented patients put on an excellent show for the rest of the patients. Several outside groups kindly visited Deerhome and contributed to the Christmas entertainments. These festivities continued over the New Year's holiday. Approximately 192 patients were able to go home and spend Christmas holidays with their families.

The Recreation staff consisted of seven men and eight women. There was a total of 127,631 attendances for special activities and the total yearly attendance, including all activities, was 171,673 (Physical Education Classes: 44,042 and Special Activities: 127,631). In 1967 the total yearly attendance was 165,419 (Physical Education Classes: 46,363 and Special Activities: 119,056). Plans were made to expand the recreation program to motivate more of the patients with multiple disabilities and also to ensure that this type of patient would receive the maximum amount of fresh air and sunshine during the summer months.

A library of suitable books for the patients was operated by the Recreation Department. Many patients made excellent use of this library and it is hoped that it may be possible to obtain better facilities for this library and to expand this program.

Weekly non-denominational religious services were held each Sunday in Beaver Hall for the Protestant patients. Roman Catholic Mass was held for Roman Catholic and Greek Catholic patients each month. All clergy were most co-operative in visiting the very sick patients when requested.

EUGENICS BOARD

Twenty-five patients, 18 male and seven female, were presented to the Eugenics Board of whom 23 were passed and two were deferred. Eugenics surgery was carried out at the Alberta School Hospital, Red Deer, on 17 patients, 11 male and six female.

FIRE PROTECTION

Fire Control Regulations were reviewed and brought up to date during this year. Numerous fire drills were held and at all such drills a representative of the Red Deer Fire Brigade was present. The Drills were undertaken in an efficient manner and in the main were satisfactory. There were no fires.

HOUSEKEEPING

It was decided that the heavy cleaning of wards would be commenced on certain wards and undertaken by the housekeeping staff. This had previously been done by ward staff. In order to do this a great deal of initial time had to be given to stripping old wax from floors and then re-waxing with products of longer lasting duration. At present 12 out of 16 wards are being looked after by the housekeeping staff and in order to do this six new Cleaning Porter positions were established. In addition the housekeeping staff was responsible for the cleaning of the Male and Female Staff Residences, Beaver Hall, and both heavy and daily cleaning in the Kitchen and Laundry. It is hoped to expand this program in time so that all heavy cleaning will be undertaken by the housekeeping staff, thus relieving ward staff of such responsibilities and permitting the ward staff to concentrate on matters more directly related to their training. This Department maintained a high standard of work despite very heavy traffic flow over all ward floors.

LAUNDRY AND REPAIR SERVICES

The number of staff working in the Laundry was 22 female and six male. In addition some 15 female and 15 male patients worked in the Laundry and a further ten patients employed in delivery.

The weekly poundage was 69,000 pounds. At present all laundry in the washroom is dealt with by Saturday afternoon. The Laundry operated on a six day week. On Saturday only two male and five female staff worked.

In the Sewing Room there were 25 female staff and three or four female patients working. The work of the Sewing Room was repairing, marking, folding and issuing uniforms, alterations, checking and cleaning.

DIETARY

This department had a staff of 66 females and 16 males. In addition some 13 patients assisted in the Kitchen and Bakery. The figure of 66 female staff included 42 female staff who were transferred from the Housekeeping to Kitchen department. This was done in the interests of continuity of service and to bring the whole food service from preparation to serving under the control of the same department. This appeared to work very satisfactorily.

Meals per week for patients: 28,770; special diets: 1,491; staff: 3,360 – for a total of 33,621 meals per week. Night lunches for patients involved 11,600 lunches per week.

There was an increase of two positions in the Kitchen.

EDUCATIONAL PROGRAM

Deerhome has no School of Nursing.

The following courses were held as part of nursing education and in-service training:

1. One graduate course of four weeks' duration with 12 graduates attending was held.
2. Five classes for senior nurses, Certified Nursing Aides and potential senior nurses, two courses of six weeks' duration, and three courses of four weeks' duration were held. A total of 69 students attended.
3. One class of elementary nursing theory and practice for junior nurses of two weeks' duration was held with 15 attending.
4. Two short courses of four days' duration for senior duty staff were held.

These were in the nature of an orientation course for senior Ward Aides. The total number of classes held was nine and the total number of students who attended 100.

Forty students passed and received First Aid Certificates in the St. John Ambulance. In addition 31 films of a medical nature were shown to the staff at Deerhome. The total attendance was 4,185. Instructional sessions were held at regular intervals by the Occupational Therapy Department. The Recreational Therapy Department held weekly lectures and seminars for the members of this department.

BUSINESS ADMINISTRATION

During the year 41 new positions were created, 33 were permanent positions and eight were summer relief positions.

There was a very considerable staff turnover. This resulted in a great amount of clerical work as well as work involving indoctrination and initial instruction.

GARDENS AND GROUNDS

There were nine male staff and approximately 88 patients working in the grounds and vegetable garden. There were 18,000 bedding plants and 900 potted plants raised.

Deerhome now has 29 acres of landscaped area. More staff and an implement shed are required.

The harvest from the vegetable garden was 325½ tons as compared with 250½ tons in 1967. The majority of the crop was good and harvested in good condition. All vegetables produced were stored in the root cellars for winter use.

NEW CONSTRUCTION AND RENOVATIONS

The addition to the Sewing Room was commenced in the fall of this year; it is unlikely that it will be completed before the spring of 1969.

Some changes were effected, particularly in the washrooms of certain wards, and a new bathroom with shower was installed in ward Bluebird B for the patients housed in the south dormitory. Other minor alterations were undertaken in order to accommodate wheelchair patients.

Proper storm screens were placed on the windows of Bluebird Lodge which resulted in much better heat control.

VISITORS

The Board of Visitors made an extensive tour of Deerhome.

The Director and Assistant Director of the Division of Mental Health visited periodically.

The following people also visited: Dr. J. K. Martin and Dr. B. Mielke, Department of Paediatrics, University Hospital, Edmonton; five members from the Department of Manpower and Immigration, Winnipeg; Mr. H. F. Irwin, Co-ordinator of Rehabilitation, Department of Public Welfare; Dr. C. G. More, Medical Officer of Health, Red Deer; Mr. D. Menzies and Mr. D. Valstar, Department of Welfare; Miss E. Perdue, Dietary Consultant, Department of Health; nursing students from Mount Royal Junior College, Calgary; Certified Nursing Aide students from the Red Deer General Hospital; a large group of people attending the Convention of the Alberta Association for Retarded Children; and other groups from clubs, et cetera.

DEPARTMENT OF PUBLIC WORKS

General maintenance was undertaken as required, and all buildings were in good order.

The roof of Beaver Hall was again treated and it is hoped that no further leaking will occur.

Mechanical operation of the facilities in Deerhome was satisfactory and all services were well maintained.

The sidewalks which lie over the main service tunnels housing the service pipes were in a very icy condition during the latter part of the year. It was found necessary to vent these service tunnels during the year and consequently sidewalks iced much more than formerly. Previously the heat generated had been sufficient to keep these sidewalks almost completely free of ice and snow. These walks are required for both laundry delivery and food service delivery, and the icy nature of the walks made such deliveries very much harder.

STORES

Three male staff were employed in this department and the patient help varied from four to six male patients a day.

It was found that the dining arrangements on certain wards gave rise to some degree of over-crowding of patients. Different arrangements were put into effect and overcrowding has been done away with, resulting in patients being quieter with a reduction of the overall noise level. Accidents have also been fewer in these areas.

CONCLUSION

There have been very few complaints in regard to the changes in rates of admission. An attempt has been made to allow all patients to live outside of Deerhome who are able to manage with some degree of supervision of their own affairs and for whom suitable working and living arrangements can be made. Hostels for a small number of patients, such as 10 or 12, would undoubtedly serve a very useful function in any community where jobs might be found for the patients. An attempt has also been made to try to acquaint the public more and more with the working of Deerhome. The Red Deer Advocate arranged for a series of press articles on Deerhome which was published over a period of five days in that paper and met with favourable comment. It is also hoped to try to get as many parents and relatives to identify with Deerhome as possible.

In conclusion I would like to thank the Director and Assistant Director of the Division of Mental Health and the other members of the Department of Health for their ever ready assistance. I would also like to thank all the members of the staff of Deerhome for the very great help which they have at all times given and to commend them for the excellent manner in which they have carried out their important duties.

TABLE 62
DEERHOME, RED DEER
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	Male	Female	Total
First Admissions			
Voluntary	18	19	37
Re-Admissions			
Voluntary	14	11	25
Two Medical Certificates	1	-	1
Transfers In	1	-	1
ADMISSION TOTALS	34	30	64

SEPARATIONS

Clinical Progress	M	F	T
Recovered	12	2	14
Improved	8	9	17
Unimproved	9	7	16
Died	11	5	16
TOTALS	40	23	63

Type of Separation	M	F	T
Direct Discharge	11	11	22
Discharge from Leave	13	7	20
Discharge from Unauthorized Leave	5	-	5
Death	11	5	16
TOTALS	40	23	63

	Male	Female	Total
SEPARATION TOTALS	40	23	63
Patients on Books December 31, 1967	762	598	1,360
Patients on Books December 31, 1968	756	605	1,361
Patients in Residence December 31, 1968	674	555	1,229
Patients on Leave or Otherwise Absent December 31, 1968	82	50	132

TABLE 63
DEERHOME, RED DEER
DIAGNOSIS OF FIRST ADMISSIONS AND RE-ADMISSIONS WITH REFERENCE TO DEGREE OF MENTAL RETARDATION

DIAGNOSIS	FIRST ADMISSIONS			RE-ADMISSIONS			TOTALS		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Idiot	4	2	6	1	1	2	5	3	8
Imbecile	5	9	14	5	4	9	10	13	23
Moron	5	3	8	6	2	8	11	5	16
Borderline	4	3	7	3	3	6	7	6	13
Other and Unspecified	-	2	2	-	1	1	-	3	3
TOTAL	18	19	37	15	11	26	33	30	63

TABLE 64
DEERHOME, RED DEER
AGE GROUPS OF FIRST ADMISSIONS AND RE-ADMISSIONS

AGE GROUP	FIRST ADMISSIONS			READMISSIONS			TOTALS			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	%
Under 15 yrears . .	1	2	3	-	-	-	1	2	3	4.9
15 to 19 years . .	11	9	20	3	5	8	14	14	28	44.4
20 to 24 years . .	3	1	4	4	4	8	7	5	12	19.1
25 to 29 years . .	-	2	2	3	-	3	3	2	5	7.9
30 to 34 years . .	1	2	3	2	-	2	3	2	5	7.9
35 to 39 years . .	-	1	1	-	-	-	-	1	1	1.6
40 to 44 years . .	1	2	3	1	-	1	2	2	4	6.4
45 to 49 years . .	1	-	1	-	1	1	1	1	2	3.1
50 to 54 years . .	-	-	-	-	-	-	-	-	-	-
55 to 59 years . .	-	-	-	1	1	2	1	1	2	3.1
60 to 64 years . .	-	-	-	-	-	-	-	-	-	-
65 to 69 years . .	-	-	-	-	-	-	-	-	-	-
70 and over	-	-	-	1	-	1	1	-	1	1.6
TOTAL	18	19	37	15	11	26	33	30	63	100.0

TABLE 65
DEERHOME, RED DEER
PSYCHIATRIC DIAGNOSIS OF PATIENTS ON BOOKS, DECEMBER 31, 1968

	Male	Female	Total	%
Idiocy	102	72	174	12.7
Imbecile	344	263	607	44.6
Moron	149	108	257	18.8
Borderline Intelligence	14	20	34	2.4
Mongol	31	29	60	4.4
Mental Deficiency with Psychoneurosis	-	1	1	.1
Mental Deficiency Unspecified	10	5	15	1.1
Schizophrenia	23	34	57	4.2
Manic Depressive	2	3	5	.4
Psychosis with Convulsive Disorders	6	5	11	.8
Psychosis with Organic Brain Disorders	2	-	2	.2
Traumatic Psychosis	-	1	1	.1
Mental Deficiency with Psychosis	66	56	122	8.9
Epilepsy	4	5	9	.7
Congenital Syphilis	1	2	3	.3
Neurosyphilis	1	1	2	.2
Post Encephalitis	1	-	1	.1
TOTALS	756	605	1,361	100.0

TABLE NO. 66
DEERHOME, RED DEER
AGE OF PATIENTS ON BOOKS 31st DECEMBER, 1968 WITH REFERENCE TO THE DEGREE OF MENTAL RETARDATION

Age Group in Years	Idiot			Imbecile			Moron			Borderline			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 15	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
15-19	17	9	26	49	26	75	11	6	17	5	3	8	82	44	126
20-24	13	12	25	67	53	120	30	22	52	6	5	11	116	92	208
25-29	15	12	27	46	38	84	23	14	37	2	1	3	86	65	151
30-34	11	12	23	51	27	78	17	14	31	1	-	1	80	53	133
35-39	12	5	17	40	33	73	22	8	30	3	2	5	77	48	125
40-44	13	5	18	46	29	75	15	14	29	1	5	6	75	53	128
45-49	13	14	27	38	37	75	11	19	30	-	1	1	62	71	133
50-54	8	4	12	27	24	51	26	18	44	-	4	4	61	50	111
55-59	4	6	10	22	20	42	18	13	31	3	8	11	47	47	94
60-64	1	4	5	14	24	38	11	15	26	2	-	2	28	43	71
65-69	-	1	1	13	8	21	8	10	18	6	2	8	27	21	48
70 & over	-	-	-	9	8	17	4	6	10	1	4	5	14	18	32
TOTALS	108	84	192	422	327	749	196	159	355	30	35	65	756	605	1361

TABLE 67
DEERHOME, RED DEER
CAUSES OF DEATH
(Abridged International Classification)

	Male	Female	Total
Neoplasms	2	-	2
Diseases of the Nervous System and Sense Organs	3	1	4
Diseases of the Circulatory System	3	2	5
Diseases of the Respiratory System	1	1	2
Diseases of the Genito-Urinary System	-	1	1
Accidents, Poisoning and Violence	2	-	2
TOTAL	11	5	16

TABLE 68
DEERHOME, RED DEER
DEATHS BY PSYCHIATRIC DIAGNOSIS

	Male	Female	Total
Idiot	1	2	3
Imbecile	6	2	8
Moron	1	-	1
Borderline	2	-	2
Schizophrenia	1	1	2
TOTAL	11	5	16

UNIT FOR EMOTIONALLY DISTURBED CHILDREN

LINDEN HOUSE NINTH ANNUAL REPORT
RED DEER

L. J. le Vann, L.R.C.P. Edin., L.R.C.S. Edin.,
L.R.F.P.S. Glas., Superintendent

MOVEMENT OF POPULATION

Linden House treated 21 children during 1968, 13 males and eight females. Ten patients were technically on leave at the end of December, being home for Christmas holidays. There was a decrease of one in the number of patients treated during the year.

Admission of Patients

Eleven new admissions were accepted during the year, seven males and four females. All patients were admitted on a voluntary status.

Separation of Patients

There were eight direct discharges, six males and two females.

GENERAL HEALTH OF PATIENTS

There were no accidents of significance during the year, other than minor bruises or scratches, commonly sustained by children during play and outside physical activities.

All children upon admission received complete physical examinations, which, in addition to X-rays, included nasal, throat and rectal swabs, to eliminate the possibility of diphtheria carriers or gastrointestinal infections of epidemic type respectively. All children were routinely immunized against poliomyelitis, diphtheria, typhoid and paratyphoid fevers. There were no deaths.

CLINICAL WORK

One of the innovations given greater prominence has been the increase in conditioning therapy that has been used on children suffering from juvenile autism or schizophrenia. Whereas it is not possible at this stage to assume that the improvement noted in many of these children will be of a permanent nature, it is a fact that this has proven to be a successful form of stimulation for this type of child and none of them has relapsed while being on this continued form of therapy.

It should be noted that the major portion of the reliable psychiatric opinions indicate the extreme seriousness and general morbidity of prognosis amongst children of this group.

Dental services for the children at Linden House were carried out by the dentist employed at Alberta School Hospital.

Out-Patient Services

Out-patient services were provided by the therapy staff at Linden House who maintained follow-up interviews with children who had been discharged during the year, as well as previous years.

No children from Linden House required movement from that area to hospital or clinical services.

Laboratory Services

Laboratory services were carried out for this unit by Alberta School Hospital.

Nursing Services

Nursing services were provided for Linden House by the nursing staff of Alberta School Hospital which has incorporated a three month period during the nursing training curriculum for all senior nurses to work at Linden House. In addition, the male and female charge nurses duties at Linden House were provided by Mental Deficiency Nursing Graduates from Alberta School Hospital.

Therapy Program for Children

As in previous years, various therapy programs attempted to cope with the anti-social reactions that these children developed as a result of hostile environmental factors. On this basis, initial programs were instituted for each child of individual psychotherapy and as a child developed greater inter-peer relationships, he was included in bi-weekly sessions of group ethics as well as other related activities.

During the year the children maintained a Student Council, which met on a weekly basis. In these meetings, children discussed the behaviour of one another and methods which might be utilized by offenders to correct unsuitable attitudes and behaviour. Similarly, children whose behaviour was ideal and who made a genuine effort were singled out by the children themselves for praise, encouragement and reward, by being elected to various governing offices, insofar as Linden House was concerned. One boy had the remarkable distinction of being selected Permanent Prefect, an honour presented him by the children themselves for his excellent attitude and behaviour.

Linden House has operated as an open door setting since its inception. It is interesting to note that only one child, a girl of fourteen and a Ward of the Department of Child Welfare, tried to elope, but she did not travel very far and returned on her own initiative.

During the year arrangements were made for nine children to attend school in the City of Red Deer.

Occupational therapy and recreational activities were provided on a daily basis. Special academic classes were provided by two teachers for children who were unable to attend the normal school system in the City of Red Deer.

RECREATIONAL PROGRAMS

Extra mural activities for the children were varied and interesting. They are enumerated as follows:

Early in the spring the boys and girls toured a local flower shop and later on the boys toured the City Fire Hall.

All children at Linden House attended the Fair Parade and many enjoyed the Red Deer Exhibition itself.

At the close of the school term in June, all the children travelled to Calgary to visit the Calgary Zoo as a special reward.

Some of the girls were active in Girl Guides and one girl entered competitive swimming, winning several ribbons at the swim meets. Most of the girls and boys took swimming lessons downtown.

Throughout the summer there were numerous picnics and special outings and one boy attended summer camp while a girl attended a summer day camp.

During the month of December many of the children were able to be taken around the City of Red Deer to see the Christmas lights and decorations, as well as participating in outdoor activities and tobogganing.

GENERAL CONSIDERATIONS

During the nine years of the existence of Linden House, certain facts became more prominent and established statistical validity. The terminology, "emotionally disturbed child", appears to have little or no significance diagnostically or therapeutically. Well over 75% of all admissions were diagnosed as Adjustment Reaction of Childhood, probably representing a selective denial that environmental factors, mainly relating to poor socio-economic conditions, were largely responsible for the child's disturbances.

There would appear to be the following five major diagnostic criteria, in order of significance.

1. Improverished socio-economic milieu resulting in:
   - (a) Anti-social acts
   - (b) Truancy
   - (c) School learning problems
   - (d) Overt rebelliousness
2. Juvenile Autism
   - (a) Innate
   - (b) Environmental
3. Childhood Schizophrenia
   - (a) Innate
   - (b) Hereditary
4. Manic Depressive Psychosis
   - (a) Environmental
   - (b) Hereditary
5. Character Disorders – similar to that which obtains in the adult nomenclature.

The interesting fact emerges that with the majority of juvenile disorders requiring hospitalization in a children's psychiatric unit, the causative factor is not only overlooked, but studiously ignored, on the basis often given that psychiatry has no business recognizing, nor indeed proposing changes in the social and environmental milieu.

The fact remains that the majority of admissions to Linden House were a result of utterly unsatisfactory home conditions which included, parents with such serious infirmities as psychoses, chronic drunkenness, sociopathic personalities, as well as severe psychoneurotic disturbances. Children from such environments very rapidly regained acceptable habits and composure, but it was impossible to return them to their home environments, since they were in most instances incapable of coping with the traumatic experiences they would re-encounter there.

Efforts should be made to create group homes for children such as this and it is not unlikely that a large proportion of children requiring this environment would settle even without admission to a psychiatric unit. There is little doubt that the establishment of group homes would shorten considerably the length of stay in such units as Linden House or other psychiatric units at present required for these children.

There is little doubt that the therapy of the emotionally disturbed child should begin by the changing and improvement of the disruptive environmental factors causing his disturbances. To ignore this fact is merely closing one's eyes to reality.

CONCLUSION

Linden House is indebted to the continued support given it by the Honourable Minister of Health, as well as the Director and Assistant Director of the Division of Mental Health in maintaining the high standard of care provided for the children at this unit.

It is also noteworthy that the staff at Linden House, both professional and nursing, have invariably made personal sacrifices to ensure its success of function and the happiness of the children there.

TABLE 69
LINDEN HOUSE, RED DEER
MOVEMENT OF PATIENT POPULATION

ADMISSIONS	Male	Female	Total
First Admissions			
Voluntary	7	4	11
ADMISSION TOTALS	7	4	11

SEPARATIONS

Clinical Progress	M	F	T	Type of Separation	M	F	T
Recovered	-	-	-	Direct Discharge	6	2	8
Improved	3	2	5				
Unimproved	3	-	3				
Died	-	-	-				
TOTALS	6	2	8		6	2	8

	Male	Female	Total
SEPARATION TOTALS	6	2	8
Patients on Books December 31, 1967	6	4	10
Patients on Books December 31, 1968	7	6	13
Patients in Residence December 31, 1968	7	6	13
Patients on Leave or Otherwise Absent December 31, 1968	-	-	-

TABLE 70
LINDEN HOUSE, RED DEER
PSYCHIATRIC DIAGNOSIS OF FIRST ADMISSIONS AND RE-ADMISSIONS

	Male	Female	Total
Adjustment Reaction of Childhood	4	2	6
Juvenile Autism	1	1	2
Psychoneurotic Disorder	-	1	1
Learning Disturbance	1	-	1
Undiagnosed – Probably Normal Child	1	-	1
TOTALS	7	4	11

TABLE 71
LINDEN HOUSE, RED DEER
AGE GROUPS OF FIRST ADMISSIONS AND RE-ADMISSIONS

AGE GROUP	FIRST ADMISSIONS			READMISSIONS			TOTALS		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 15 years	7	4	11				7	4	11
15 to 19 years									
20 to 24 years									
25 to 29 years									
30 to 34 years									
35 to 39 years									
40 to 44 years									
45 to 49 years									
50 to 54 years									
55 to 59 years									
60 to 64 years									
65 to 69 years									
70 and over									
TOTAL	7	4	11				7	4	11

TABLE 72
LINDEN HOUSE, RED DEER
DISCHARGES BY PSYCHIATRIC DIAGNOSIS AND CLINICAL PROGRESS

DIAGNOSIS	Recovered			Improved			Unimproved			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Adjustment Reaction of Childhood	-	-	-	2	1	3	-	-	-	2	1	3
Sociopathic Personality Disturbance	-	-	-	-	1	1	-	-	-	-	1	1
Emotionally Unstable Personality	-	-	-	1	-	1	-	-	-	1	-	1
Mental Deficiency	-	-	-	1	-	1	-	-	-	1	-	1
Chronic Brain Syndrome with Convulsive Disorder (With Behaviour Reaction)	-	-	-	-	-	-	1	-	1	1	-	1
Chronic Brain Syndrome with Neurotic Reaction	-	-	-	-	-	-	1	-	1	1	-	1
TOTALS	-	-	-	3	2	5	3	-	3	6	2	8

TABLE 73
LINDEN HOUSE, RED DEER
DISCHARGES BY PSYCHIATRIC DIAGNOSIS SHOWING NUMBER OF DAYS IN HOSPITAL

DIAGNOSIS	Under 90 Days			Under 182 Days			Under 273 Days			Under 365 Days			Under 730 Days			Over 730 Days			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Adjustment Reaction of Childhood	-	-	-	-	-	-	1	-	1	-	-	-	-	1	1	1	-	1	2	1	3
Sociopathic Personality Disturbance	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Emotionally Unstable Personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
Mental Deficiency	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
Chronic Brain Syndrome with Convulsive Disorder (With Behaviour Reaction)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Chronic Brain Syndrome with Neurotic Reaction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
TOTALS	1	-	1	-	-	-	1	1	2	1	-	1	-	1	1	3	-	3	6	2	8

THE EUGENICS BOARD

The Eugenics Board for the Province of Alberta held 12 meetings during the year 1968. These meetings were held at the Alberta Hospital, Edmonton; Alberta Hospital, Ponoka; Alberta School Hospital, Red Deer; and Deerhome, Red Deer. The dates of the meetings held during 1968 were as follows:

February 13	Alberta School Hospital, Red Deer
February 14	Alberta Hospital, Edmonton
May 14	Alberta School Hospital, Red Deer
May 14	Alberta Hospital, Ponoka
May 15	Alberta Hospital, Edmonton
October 8	Alberta School Hospital, Red Deer
October 8	Deerhome, Red Deer
October 8	Alberta Hospital, Ponoka
October 9	Alberta Hospital, Edmonton
December 10	Alberta School Hospital, Red Deer
December 10	Deerhome, Red Deer
December 11	Alberta Hospital, Edmonton.

The Board considered a total of 103 cases, 96 of which were passed for surgery. Six cases were deferred because they did not fall within the scope of The Sexual Sterilization Act and one case was represented. Of the 96 cases which were passed by the Board in accordance with The Sexual Sterilization Act (1955-C.311,S.5), 36 were male and 60 female. Of this number 18 were passed subject to their own consent. Of the 96 cases passed by the Board during the year, 76 had first been examined at an Alberta Guidance Clinic, although most of these had been hospitalized prior to presentation. This group of 76 cases was made up of 34 males and 42 females.

OPERATIONS

Operations were performed on 69 cases during the year, 29 being male and 40 female. All of these operations were performed at the Alberta Hospital, Edmonton; Alberta Hospital, Ponoka; and Alberta School Hospital, Red Deer.

The surgical operations mentioned above were performed by the surgeons of the Board, Dr. J. Ross Vant of Edmonton and Dr. R. M. Parsons of Red Deer.

BOARD CHANGES

On March 1st, Dr. W. R. N. Blair of Calgary resigned as a member of the Eugenics Board. He was replaced on May 1st by Dr. David Gibson of Calgary. Dr. Gibson resigned from the Board as of December 31st.

APPRECIATION

As in previous years the Eugenics Board wishes to express thanks and sincere appreciation to the Director and Assistant Director, Division of Mental Health, to the Medical Superintendents and their staffs, to the surgeons, and to the Guidance Clinics for their cooperation in connection with the work of the Board.

TABULAR SUMMARY

A tabular summary of the work of the Provincial Eugenics Board to December 31, 1968, is appended.

CASES PRESENTED AND PASSED
(To DECEMBER 31, 1968)

	YEARLY TOTALS			CUMULATIVE TOTALS		
Years	Male	Female	Totals	Male	Female	Totals
1929-1933	87	201	288	87	201	288
1934-1938	557	438	995	644	639	1283
1939-1943	339	299	638	983	938	1921
1944-1948	237	311	548	1220	1249	2469
1949-1953	187	239	426	1407	1488	2895
1954-1958	302	275	577	1709	1763	3472
1959	32	62	94	1741	1825	3566
1960	37	65	102	1778	1890	3668
1961	44	75	119	1822	1965	3787
1962	48	71	119	1870	2036	3906
1963	45	80	125	1915	2116	4031
1964	43	63	106	1958	2179	4137
1965	28	53	81	1986	2232	4218
1966	51	79	130	2037	2311	4348
1967	27	55	82	2064	2366	4430
1968	36	60	96	2100	2426	4526

OPERATIONS ONLY
(To DECEMBER 31, 1968)

	YEARLY TOTALS			CUMULATIVE TOTALS		
Years	Male	Female	Totals	Male	Female	Totals
1929-1933	48	158	206	48	158	206
1934-1938	198	240	438	246	398	644
1939-1943	122	151	273	368	549	917
1944-1948	87	124	211	455	673	1128
1949-1953	84	162	246	539	835	1374
1954-1958	207	160	367	746	995	1741
1959	40	50	90	786	1045	1831
1960	21	48	69	807	1093	1900
1961	53	52	105	860	1145	2005
1962	33	65	98	893	1210	2103
1963	31	61	92	924	1271	2195
1964	37	44	81	961	1315	2276
1965	45	47	92	1006	1362	2368
1966	42	65	107	1048	1427	2475
1967	34	63	97	1082	1490	2572
1968	29	40	69	1111	1530	2641

NATIONAL HEALTH GRANTS

Since 1948 the Federal Government has made a series of Health Grants available to the provinces. These relate to various specific problems such as General Public Health, Venereal Disease Control etc. Within these grants the province may prepare a project in which it is proposed that a new health service may be financed. If the project comes within the terms of the federal regulations, it is approved by the federal authorities and the money becomes available to reimburse the province for its expenditure.

In most of the grants the project covers the entire cost of the service as outlined in the project but it is required by the federal authorities, that their grant be matched in certain Grants such as Cancer Control etc.

The following table shows the amount of these grants for 1968/69, the amount that was committed under the various projects, the amount actually expended and the percentage of the various grants that was expended.

NATIONAL HEALTH GRANTS
ALBERTA – 1968-1969

Grant	Amount of Grant	Amount Committed	Amount Expended	Percentage of Grant Expended
Professional Training . . .	228,403.00	224,546.68	220,497.42	96.5%
Mental Health	644,136.00	644,136.00	644,136.00	100%
Tuberculosis Control . . .	119,147.00	119,147.00	119,147.00	100%
General Public Health . .	1,191,625.00	1,191,625.00	1,196,625.00	100%
Cancer Control	142,874.00	142,874.00	142,874.00	100%
Medical Rehabilitation and Crippled Children . .	133,610.00	92,460.00	71,490.66	53.5%
Child and Maternal Health	152,632.00	152,632.00	134,307.17	87.9%
	2,612,427.00	2,567,420.68	2,529,077.25	96.8%

NOTE: The Hospital Construction Grant has not been included under the above, as this information may be obtained from the separate publication covering the Annual Report of the Hospital Services Section.

CANADIAN RED CROSS BLOOD TRANSFUSION SERVICE IN ALBERTA

D. I. Buchanan, M.D., D.P.H., (Edmonton), and E. W. Nation, M.B., M.R.C.P., (Calgary)

It is a pleasure to submit this annual report on the work of the Blood Transfusion Service in Alberta during 1968. As noted in Table 1, a grand total of 83,732 blood donations was collected throughout the province in 1968, as compared to 79,311 in 1967.

TABLE 1
BOTTLES COLLECTED, 1968

Jan. 1 to Dec. 31 (inclusive)	Permanent and City Mobiles	Mobile Clinics	
Northern Alberta	27,329	18,153	= 45,482
Southern Alberta	22,460	15,790	= 38,250
	49,789	33,943	83,732

The use of glass bottles has been entirely superseded by plastic packs and equipment, although to date the cost per plastic blood pack is considerably more than it was when we used the standard A.C.D. bottles.

Blood Transfusions

As in past years, over 90 hospitals still depend upon the Edmonton Depot for crossmatching services, and, similarly, some 49 hospitals in the southern part of the province rely on the Calgary Depot for crossmatched blood. In April 1968, the Calgary General Hospital took over some of its emergency matching by day and has since expanded the service as an interim measure until new laboratory space permits a full take-over in the middle of 1969. In October 1968, Holy Cross Hospital took over the major part of its crossmatching responsibility. It has been proved in Edmonton that, where crossmatching is performed within a hospital itself, only 6% to 13% of the blood is ever returned unused to the Red Cross depot. In other words, if the blood is not needed for one patient, it can be re-crossmatched for another in the same hospital. The number of whole blood transfusions, etc., is given in Table 2.

TABLE 2
TRANSFUSIONS OF WHOLE BLOOD, 1968

Jan. 1 to Dec. 31 (inclusive)	No. Units Issued	Blood Transfusions Administered	Patients Transfused
Northern Alberta	36,239	25,789	9,570
Southern Alberta	36,764	19,927	9,333
	73,003	45,716	18,903

Plasma

A total of 10 five-litre flasks and 1,777 two-litre plastic packs of liquid plasma was shipped to the Connaught Laboratories from Edmonton during 1968, and 1,710 two-litre plastic packs were sent from Calgary.

Fresh Frozen Plasma and Cryoprecipitate

There has been a tremendous increase in the demand for Factor VIII cryoprecipitate for the treatment of patients suffering from hemophilia A, and, nowadays, very little fresh frozen plasma is used. By way of example, at the beginning of 1966, no Factor VIII cryoprecipitate was made in Edmonton, but in 1968, it was found necessary to prepare 4,571 packs. Similarly, 1,678 units of Factor VIII cryoprecipitate were prepared in Calgary, representing twice the amount needed in 1967. The main problem here is that this relatively new cold precipitate, rich in Factor VIII activity, must be prepared from freshly taken donor blood, and, in general, the demands for fresh blood have increased to a very marked degree even within the past year.

Plasma is still widely used for the treatment of Christmas disease, or Factor IX deficiency, and a concentrate for the treatment of this condition is not yet readily available.

Rh Prevention Program

In our annual reports for 1966 and 1967, we made special mention of the great interest and help given to us by the Honourable Dr. J. D. Ross and his staff regarding clinical trials which will possibly prevent or minimize Rh (D) sensitization in Rh negative obstetrical patients.

The main clinical trials will be completed towards the end of 1969, but we are continuing in the provision and preparation of anti-Rh immune globulin in conjunction with Dr. Albert Fisher of the Connaught Laboratories, and in keeping with our colleagues constituting the Western Canadian group still participating in the study.

In 1967 there were approximately 100 new cases of anti-D or anti-Rh_o immunization in Northern Alberta, while in 1968 the number of new cases of Rh sensitization was reduced to 92. It will clearly take several years before we see a significant decrease in the number of Rh negative women who become immunized to the Rh or D factor in pregnancy. One paper on our findings in Edmonton has already been published in the British Medical Journal (Vol. 4, pp. 479-482, 23 Nov. 1968), and a second, prepared under the chairmanship of Dr. Bruce Chown, will appear later in the Canadian Medical Association Journal.

Rh and Antenatal Studies

A total of 40,934 antenatal, postnatal and related specimens was tested in 1968, as shown in Table 3.

TABLE 3
Rh, AND OTHER INVESTIGATIONS, 1968

Jan. 1 to Dec. 31 (inclusive)	Antenatal Specimens and Others Investigated
Northern Alberta	24,012
Southern Alberta	16,922
	40,934

In conclusion, we would like to express our sincere appreciation for the help of the many volunteers and for the advice of the committee members who are continually striving to improve this service in Alberta. Each member of the Blood Transfusion Service staff contributed significantly to the success of this large undertaking, and they merit great praise and appreciation.

PART II

ANNUAL REPORT

OF THE

Division of Vital Statistics

OF THE

DEPARTMENT OF HEALTH
PROVINCE OF ALBERTA

FOR THE YEAR 1968

CONTENTS

Page

Summary . . . 7
Population of Census Divisions . . . 11
General Summary of Vital Statistics for Census Divisions and Incorporated Urban Places . . . 16
Deaths by Place of Occurrence and Place of Residence . . . 17
Deaths and Hospital Deaths by Occurrence and Residence for Census Divisions and Incorporated Urban Places . . . 18
Cause of Death by Sex for Census Divisions (Including cities, towns and villages) . . . 20
Cause of Death by Sex for Urban Places . . . 30
Deaths by Cause and Sex, by Age, Alberta . . . 41
Deaths by Cause and Sex, by Age, Edmonton . . . 46
Deaths by Cause and Sex, by Age, Calgary . . . 51
Deaths by Cause and Sex, by Marital Status and Age, Alberta . . . 56
Deaths by Cause, Sex and Month of Death, Alberta . . . 61
Infant Deaths for Census Divisions and Incorporated Urban Places . . . 70
Causes of Infant Deaths by Sex and Age . . . 72
Causes of Infant Deaths by Sex and Month of Death . . . 75
Deaths According to International Intermediate List . . . 76
Death Rates per 100,000 . . . 84
Cause of Death by Numbers and Rates of the Last Decennial Period . . . 92
Deaths of Indians . . . 93
Deaths of Registered Indians . . . 102
Causes of Deaths, Infant Indians . . . 111
Causes of Infant Death Registered Indians by Sex and Age . . . 114
Live Births of Indians by Months . . . 117
Live Births of Registered Indians by Months . . . 117
Legitimate and Illegitimate Births of Indians . . . 117
Legitimate and Illegitimate Births of Registered Indians . . . 117
Live Births of Indians by Age of Parents . . . 118
Live Births of Registered Indians by Age of Parents . . . 119
Birth by Place of Occurrence . . . 120
Live Births for Census Divisions and Incorporated Urban Places . . . 121
Live Births by Month . . . 123
Live Births for Census Divisions and Urban Places by Type of Attendance . . . 124
Live Births by Age of Parents . . . 126
Live Births by Age of Mother . . . 127
Multiple Births . . . 128
Live Births by Period of Gestation and Birth Weight, Alberta . . . 129
Live Births by Age of Mother and Birth Weight, Alberta . . . 131
Marriages by Months . . . 133
Marriages by Ages . . . 134
Marriages by Marital Status of Bridegroom, by Status of Bride . . . 135
Marriages, Marital Status by Age of Bridegroom . . . 135
Marriages, Marital Status by Age of Bride . . . 135
Marriages by Birth Places . . . 136
Marriages by Religious Denominations . . . 137
Stillbirths . . . 138
Ratio of Male to Female Births . . . 139
Divorces and Nullities by Judicial Districts . . . 140
Divorces and Nullities in Alberta . . . 141
Population, Births, Marriages, Deaths and Rates for Years 1905-1967 . . . 142

DEFINITIONS

Infant deaths —deaths under 1 year of age.

Neo-natal —deaths under 28 days (4 weeks) of age.

Maternal —deaths due to delivery and complications of pregnancy, childbirth and the puerperium (Categories 640 - 689 International List).

Stillbirths —foetal deaths of 28 or more weeks' gestation.

Perinatal deaths—foetal deaths of 28 or more weeks' gestation plus infant deaths under 7 days (1 week) of age.

Natural increase—excess of births over total deaths. (Death figures do not include stillbirths.)

RATES

(Unless otherwise indicated computed as follows)

Per 1,000 population; Live births, deaths, natural increase, marriages.

Per 100,000 population; Causes of death, divorces.

Per 1,000 live births; Infant and neo-natal deaths, stillbirths.

Per 10,000 live births; Maternal deaths.

Per 1,000 total births (live- and still-born): Perinatal deaths.

DIVISION OF VITAL STATISTICS

J. COLVILLE, DIRECTOR

INTRODUCTION

This report for 1968 discloses the birth rate is still declining, there were slight decreases in the post natal deaths and stillbirth rates as compared to 1967, slight increases in the marriage, death, infant death, neo natal death, maternal death, peri natal death rates and a considerable increase in the divorce rate. The rate of natural increase excess of births over deaths declined to 13.3 which is the lowest rate recorded for the Province since 1938.

POPULATION

The population of the Province for the year 1968, has been estimated by the Dominion Bureau of Statistics as 1,526,000. All rates in this report are based on that figure.

Between pages 10 and 11 there is a map of the Province by Census Divisions and commencing on page 11, a table of population by Census Divisions. A table of the estimated population by sex and age group for 1968, is shown on page 14.

BIRTHS

The number of births to residents of the Province for the year 1968, was 30,149 as compared to 30,691 for 1967, with a corresponding decrease in the rate from 20.6 per 1,000 population to 19.8. This is the fifteenth consecutive year in which the birth rate has decreased under that of the previous year. Of the total births, 15,640 were males and 14,509 females, giving a sex ratio of 1,077 male to 1,000 female births. The ratio of births to deaths was 3.2. The highest number of births recorded for a single month occurred in the month of May, when 2,704 births were registered. The least number of births registered for a single month occurred in February, when 2,248 births were registered. Illegitimate births numbered 3,614 compared to 3,518 for the previous year, with a corresponding increase in the rate from 11.4 to 11.9. There were 50 less births to Indians registered during the year, 2,236 were registered as compared to 2,286 for 1967, but the percentage of the total births remained the same at 7%. Of the total births to Indians, 1,037 or 46% were illegitimate. There was a total of 30,150 confinements resulting in 29,547 single births, 290 sets of twins, 3 sets of triplets and 318 stillbirths. Of the total births, 99.3% occurred in hospitals, 29,918 were delivered by doctors, 80 by nurses, 76 by midwives and 75 unattended.

The number of births to residents of the cities in the Province was as follows: Calgary, 7,244; Camrose, 147; Drumheller, 90; Edmonton, 8,764; Grande Prairie, 321; Lethbridge, 655; Medicine Hat, 446; Red Deer, 526; Wetaskiwin, 101.

The following table shows the most recent birth rates for Canada and certain other Countries:

Canada	17.6	Ireland (Republic)	20.9
Newfoundland	25.3	United States	17.4
Prince Edward Island	19.1	Australia	20.0
Nova Scotia	18.1	New Zealand	22.6
New Brunswick	18.6	Denmark	15.3
Quebec	16.3	Finland	16.0
Ontario	17.3	France	16.6
Manitoba	17.9	Italy	17.6
Saskatchewan	19.0	Austria	17.1
Alberta	19.8	Norway	17.7
British Columbia	16.8	Netherlands	18.6
Yukon	24.7	Portugal	20.5
Northwest Territories	41.9	Spain	20.5
England and Wales	16.9	Sweden	14.3
Scotland	18.3	Switzerland	17.4
Northern Ireland	22.1	Western Germany	16.1

MARRIAGES

There was an increase of 737 marriages registered over that of the previous year, 13,640 were registered in 1968 as compared with 12,903 in 1967, with a corresponding increase in the rate to 8.9 per 1,000 population from 8.7. The month of August proved to be the most popular month of marriage followed by the month of June, and the month of January was the least popular.

Of the bachelors, 11,901 married spinsters, 616 widows and 1,123 divorcees, and of the brides, 12,017 married bachelors, 440 widowers and 1,183 divorced men. The most popular age at the time of marriage was twenty-one years for grooms and twenty years for brides. Of the grooms, 2,346 were twenty years of age and under and 47 were over seventy-five years. Of the brides, 6,382 were twenty years of age and under and 21 over seventy-five years.

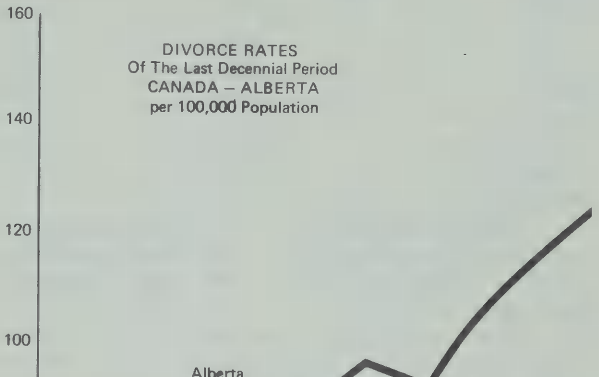
The number of marriages registered in the cities of the Province was as follows: Calgary, 3,452; Camrose, 124; Drumheller, 75; Edmonton, 4,399; Grande Prairie, 170; Lethbridge, 443; Medicine Hat, 314; Red Deer, 329; Wetaskiwin, 84.

The following table shows the most recent marriage rates for Canada and certain other Countries:

Canada	8.3	Ireland (Republic)	6.5
Newfoundland	8.4	United States	10.3
Prince Edward Island	6.8	Australia	8.8
Nova Scotia	8.3	New Zealand	8.7
New Brunswick	8.6	Denmark	8.6
Quebec	7.8	Finland	8.6
Ontario	8.5	France	7.1
Manitoba	8.5	Italy	7.1
Saskatchewan	8.1	Austria	7.6
Alberta	8.9	Norway	7.3
British Columbia	8.4	Netherlands	9.2
Yukon	11.3	Portugal	8.1
Northwest Territories	7.3	Spain	7.1
England and Wales	8.4	Sweden	6.6
Scotland	8.4	Switzerland	7.8
Northern Ireland	7.5	Western Germany	8.0

DIVORCES

There were 1,906 decrees of divorce and 13 declarations of nullity granted during the year, 170 of the divorces were granted under The Divorce Act (Canada) and 1,736 under The Divorce and Matrimonial Causes Act. The increase of 170 divorces over the 1967 figure may partially be attributed to the new Divorce Act, which was proclaimed on July 2nd, 1968. Of the total divorces, 1,258 were granted to wives and 648 to husbands and of the nullities, 8 to wives and 5 to husbands. The rate of divorce per 100,000 population was 124.4 as compared to 116.5 for 1967.


DIVORCE RATES
Of The Last Decennial Period
CANADA – ALBERTA
per 100,000 Population

DEATHS

Since the year 1962, the death rate has decreased each year but this trend ended in 1968. During the year, 9,963 deaths to residents of the Province were registered as compared to 9,523 for 1967, with a corresponding increase in the rate to 6.5 per 1,000 population from 6.4. Of the total number of deaths, 6,101 were males and 3,862 females, reflecting a sex ratio of 1,579 male to 1,000 female deaths. Predominately the highest incidence of death occurs during the cold weather and in 1968, the highest number of deaths recorded during a single month occurred in January. The least number of deaths for a single month was recorded in September. Autopsies were performed on the bodies of 5,024 of the 7,212 decedents, who died in hospitals and 541 of the 2,751 decedents who died outside of hospitals. Of the total deaths, 5,697 occurred in the cities, 1,548 in urban places of 1,000 to 5,000 population and 2,718 in the rural areas. The greatest loss of life occurs at the extremities of the life cycle and during the year, 650 of the decedents were one year of age and under, and 6,067 were sixty-five years of age and over. Of the decedents, 2,084 were single, 4,836 married, 3,004 widowed or divorced and the status of 39 not stated.

The number of deaths to residents in the cities of the Province was as follows: Calgary 2,260; Camrose 212; Drumheller, 58; Edmonton, 2,259; Grande Prairie, 71; Lethbridge, 309; Medicine Hat, 293; Red Deer, 174; Wetaskiwin, 62.

The following table shows the most recent death rates for Canada and certain other Countries:

Canada	7.4	Ireland (Republic)	11.3
Newfoundland	6.2	United States	9.6
Prince Edward Island	9.0	Australia	9.1
Nova Scotia	8.7	New Zealand	8.9
New Brunswick	7.9	Denmark	9.7
Quebec	6.7	Finland	9.6
Ontario	7.6	France	11.0
Manitoba	8.1	Italy	10.0
Saskatchewan	7.8	Austria	13.0
Alberta	6.5	Norway	9.7
British Columbia	8.4	Netherlands	8.2
Yukon	5.6	Portugal	10.0
Northwest Territories	7.4	Spain	8.7
England and Wales	11.9	Sweden	10.4
Scotland	12.2	Switzerland	9.4
Northern Ireland	10.6	Western Germany	12.2

MATERNAL DEATHS

There were 8 maternal deaths as compared to 5 for the previous year with a corresponding increase in the rate, to 2.7 per 10,000 live births from 1.6.

MATERNAL DEATH RATES PER 10,000 LIVE BIRTHS

Canada	2.7	Manitoba	2.3
Newfoundland	2.3	Saskatchewan	1.6
Prince Edward Island	0	Alberta	2.7
Nova Scotia	4.4	British Columbia	3.3
New Brunswick	5.2	Yukon	0
Quebec	3.7	Northwest Territories	0
Ontario	1.7		

INFANT DEATHS

During 1968, the deaths of 607 children who died under one year of age, were recorded as compared to 615 for 1967. The rate, however, increased to 20.1 from 20.0 per 1,000 live births due to a decline in the number of births. Of the total infant deaths, 342 were male and 265 female.

INFANT DEATH RATES PER 1,000 LIVE BIRTHS

Canada	20.8	Ireland (Republic)	20.8
Newfoundland	24.1	United States	21.7
Prince Edward Island	26.6	Australia	17.8
Nova Scotia	21.5	New Zealand	18.7
New Brunswick	20.2	Denmark	15.8
Quebec	21.7	Finland	14.0
Ontario	19.0	France	20.4
Manitoba	20.8	Italy	32.2
Saskatchewan	25.7	Austria	25.5
Alberta	20.1	Norway	14.6
British Columbia	19.6	Netherlands	13.6
Yukon	29.7	Portugal	61.3
Northwest Territories	64.7	Spain	24.2
England and Wales	18.3	Sweden	12.9
Scotland	20.8	Switzerland	15.9
Northern Ireland	24.0	Western Germany	22.8

STILLBIRTHS

There was a gratifying decrease in the number of stillbirths registered in the year 1968, as compared to the previous year, 318 stillbirths (28+ weeks gestation) and 254 (20+ weeks gestation) were registered in 1968 as compared to 350 and 286 respectively in 1967. The comparative rates between 1968 and 1967 were (28+ weeks gestation) 10.5 to 11.4 and (20+ weeks gestation) 9.3 to 8.4 respectively. A table of stillbirths by sex and period of gestation is listed on page138.

ADMINISTRATION

The Vital Statistics Act, the Marriage Act and the Regulations providing for the licensing of embalmers are administered by the Director, Division of Vital Statistics.

Under the provisions of the Vital Statistics Act, the administrative procedure necessary for matters of civil registration is provided. There are approximately 170 District Registrars located in the larger centres of the Province, whose duties are to acquire the registration of each vital event (birth, stillbirth, marriage and death) which occurs within their district for recording and transmission to the Division on a weekly basis. In addition, decrees of dissolution and annulments of marriage, adoptions and legal changes of name are received for recording. All registrations are edited, microfilmed, etc., arranged and bound in a systematic manner and continuous indexes prepared. Certified copies, photocopies of original registrations, certified extracts, certificates and verifications are issued to applicants or agencies upon receipt of the prescribed fee. Verifications and photocopies of registrations are also supplied free of charge to other government departments and certain authorized agencies.

Listed below is a summary of work processed under the provisions of The Vital Statistics Act, during 1968:

Births registered	30,149
Stillbirths registered	318
Marriages registered	13,640
Deaths registered	10,051
Certificates of Birth issued	49,525
Certificates of Marriage issued	21,439
Certificates of Death issued	7,696
Searches – Public	712
– Gov't. Depts., Social Agents, etc.	5,333
Legal Changes of Name recorded	1,600
Legitimations	302
Delayed registrations of birth	793
Adoptions registered	2,184

Under the Marriage Act, the Division provides administrative procedure for the appointment of marriage licence issuers, marriage commissioners and the registration of clergymen authorized to perform marriages in the Province. Approximately 145 marriage licence issuers are located in the larger centres of the Province, whose duties are to issue marriage licences in accordance with the provisions of The Marriage Act.

The following summary shows work processed under the provisions of The Marriage Act during the year 1968:

Marriage licences issued	13,862
Clergymen registered	2,750
Marriage Commissioners registered	19

Under the Regulations providing for the licensing of embalmers, the Division licences embalmers and registers apprentice embalmers. During the year, 238 embalmers were licensed and 15 apprentice embalmers registered.

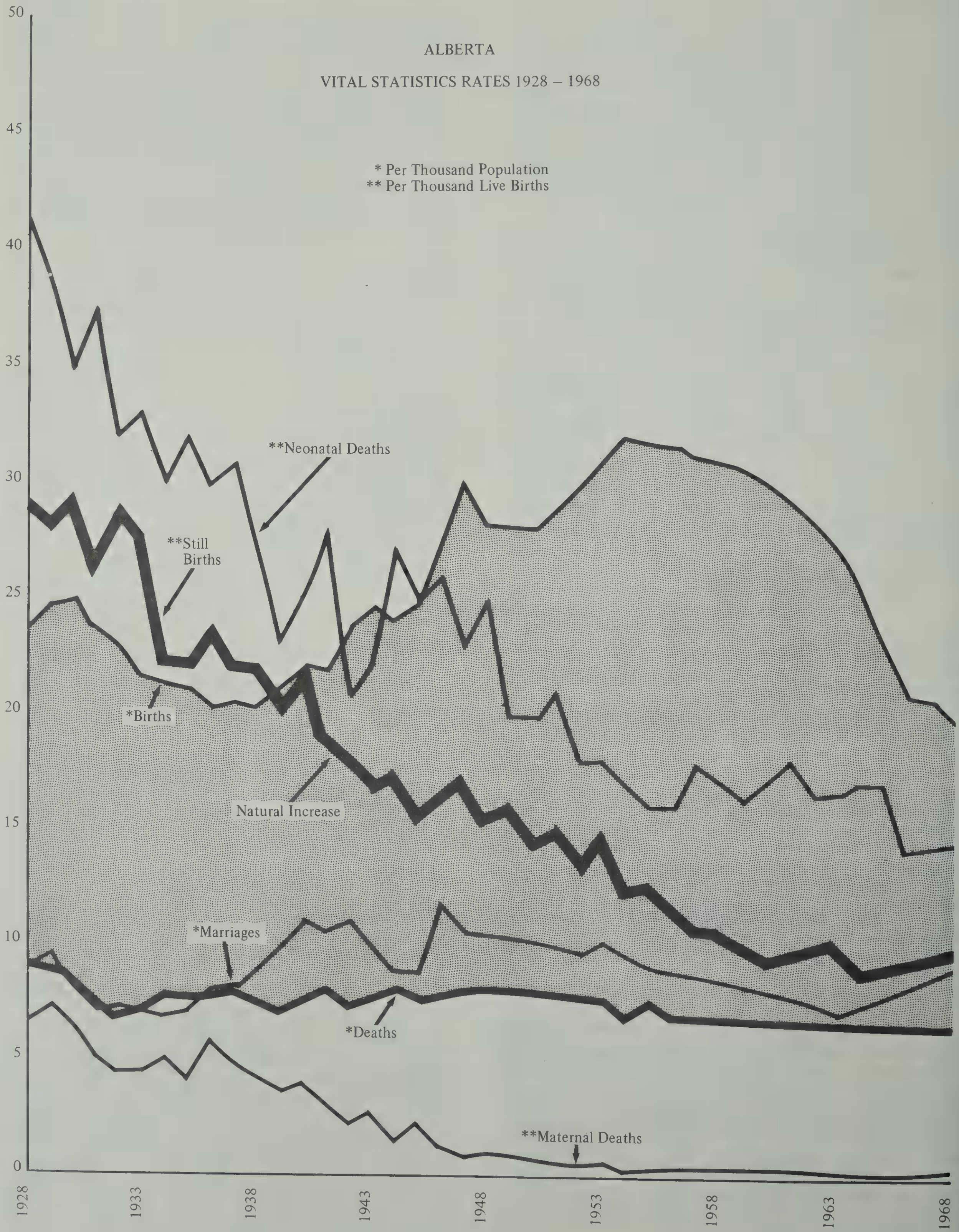
REVENUE AND EXPENDITURE

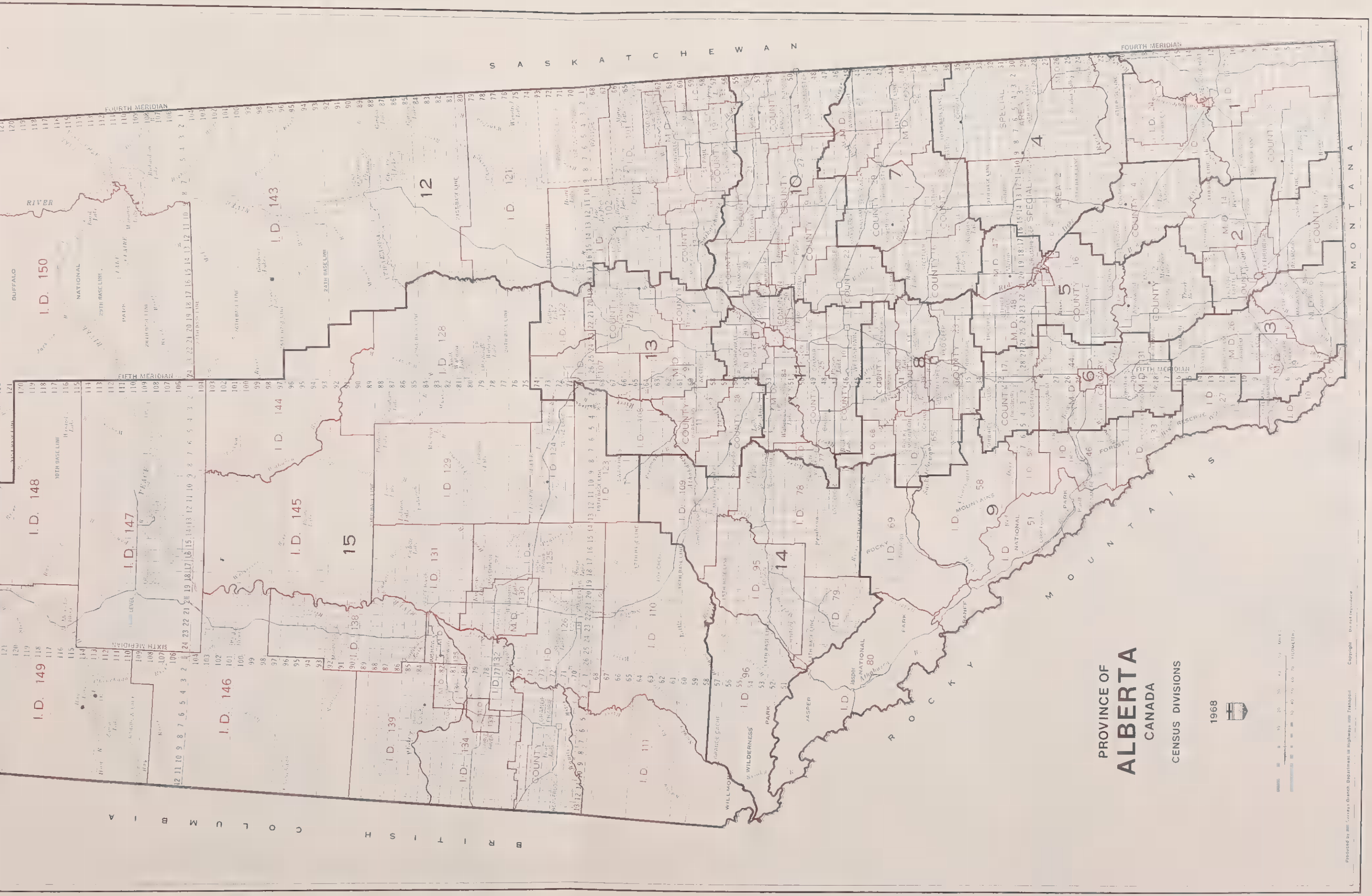
For the fiscal year ending March 31st, 1969

MARRIAGE ACT	
Marriage Licenses	$ 67,090.00
VITAL STATISTICS ACT	
Birth Certificates	102,676.00
Marriage Certificates	44,622.00
Death Certificates	16,116.00
Certified Copies	3,628.00
Micro Film Transcriptions	6,052.70
Certificate of Authority to Register	1,614.00
Change of Christian Name	528.00
Legitimation	570.00
Embalmers Licenses	1,060.00
Apprentice Embalmers Licenses	65.00
Search Fees	674.00
Marriage Fees	3,947.00
Sundries	896.87
	$182,449.57
TOTAL REVENUE	$249,539.57

EXPENDITURE

Salaries	$117,015.10
Office Expenditure	
Printing and Stationery	11,981.79
Furnishings, Equipment and Tools	1,764.40
Freight, Express and Cartage	120.50
Fees and Commissions	6,938.50
Postage	6,509.61
Repairs, Office Furniture and Equipment	
Repairs, Office Equipment	464.32
Telephones and Telegraphs	87.99
Rentals	300.00
Travelling Subsistence	531.80
	$145,714.01


ALBERTA
VITAL STATISTICS RATES 1928 – 1968
* Per Thousand Population
** Per Thousand Live Births
**Neonatal Deaths
**Still Births
*Births
Natural Increase
*Marriages
*Deaths
**Maternal Deaths
50
45
40
35
30
25
20
15
10
5
0
1928
1933
1938
1943
1948
1953
1958
1963
1968



Produced by the Surveys Branch, Department of Highways and Transport
Copyright
Do not reproduce

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1961 AND 1966

Subdivision	1966	1961
ALBERTA	1,463,203	1,331,944
Division No. 1	38,858	39,140
11. I.D.	3,792 (1)	4,228
22. I.D.	472	553
Forty Mile, County No. 8	4,104 (2)	4,716
Army Experimental Range (I.D. 24)	645	786
Cities:		
Medicine Hat	25,574	24,484
Towns:		
Bow Island	1,160	1,122
Irvine	209 (1)	240
Redcliff	2,141	2,221
Villages:		
Burdett	207 (2)	229
Foremost	554 (2)	561
Division No. 2	82,719	83,306
14. Taber	6,871	7,349
Newell, County No. 4	5,898	6,038
Warner, County No. 5	4,386 (1)	4,991
Lethbridge, County No. 26	9,506 (2)	11,184
Cities:		
Lethbridge	37,186 (2)	35,454
Towns:		
Bassano	827	815
Brooks	3,354	2,827
Coaldale	2,541 (2)	2,592
Milk River	861 (1)	801
Picture Butte	1,013 (2)	978
Raymond	1,950	2,362
Taber	4,584	3,951
Vauxhall	934	942
Villages:		
Barons	270	345
Coutts	427	469
Duchess	233	218
Grassy Lake	226	274
Nobleford	345 (2)	309
Rosemary	221	210
Stirling	390	468
Tilley	250	257
Warner	446	472
Division No. 3	29,592	30,967
6. Cardston	4,259 (1)	4,905
9. Pincher Creek	2,739 (2)	3,240
26. Willow Creek	4,317 (3)	4,863
Indian Reserves	4,102	3,889
Towns:		
Cardston	2,721	2,801
Claresholm	2,569 (3)	2,143
Fort MacLeod	2,709	2,490
Granum	295	290
Magrath	1,220 (1)	1,338
Nanton	940 (3)	1,054
Pincher Creek	2,882 (2)	2,961
Stavely	292	349
Villages:		
Cowley	163	127
Glenwood	194 (1)	274
Hill Spring	190	243
Division No. 4	14,224	15,020
34. Acadia	896	965
Special Area No. 2 (Barry Creek - Sullivan Lake Area)	3,288	3,805
Special Area No. 3 (Sounding Creek-Neutral Hill Area)	4,686 (1)	4,994
Towns:		
Hanna	2,633	2,645
Oyen	846	780
Villages:		
Cereal	191 (1)	195
Chinook	95	114
Consort	594	557
Empress	360	405
Veteran	278	239
Youngstown	357	321
Division No. 5	35,987	38,115
42. I.D.	3,403 (1,2)	4,370
47. Starland	2,535 (2)	2,907
48. Kneehill	6,290 (1,3)	7,008
Vulcan, County No. 2	4,330 (1,4)	5,018
Wheatland, County No. 16	5,062 (4)	5,570
Indian Reserves	1,714	1,612
Cities:		
Drumheller	3,574 (1)	2,931
Towns:		
Gleichen	411	426
Strathmore	994 (4)	924
Three Hills	1,452 (1)	1,491
Trochu	780 (1)	671
Vulcan	1,505	1,310
Villages:		
Acme	335	328
Arrowwood	174	195
Carbon	374 (1)	371
Carmangay	246 (4)	297
Champion	357	419
Cluny	171	174
Craigmyle	98	107
Delia	274	287
Hussar	235	213
Linden	210 (3)	-
Lomond	215	244
Milo	154 (1)	167
Morrin	272	316
Munson	39	82
Rockyford	281	288
Rumsey	108	123
Standard	264	266
Torrington	130 (3)	-
Division No. 6	369,140	317,989
31. Foothills	6,455 (1,2)	7,896
44. Rocky View	8,522 (2,3)	10,748
Mountain View, County No. 17	8,656 (4)	9,348
Indian Reserves	771	511
Cities:		
Calgary	330,575 (2)	249,641
Towns:		
Black Diamond	858	1,043
Bowness	(2)	9,184
Didsbury	1,586	1,254
Forest Lawn	(2)	12,263

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1961 AND 1966. (Continued)

Subdivision	1966	1961
Towns: (Cont'd)		
High River	2,239	2,276
Montgomery	(2)	5,077
Okotoks	922	1,043
Olds	2,999 (4)	2,433
Sundre	831 (4)	853
Villages:		
Airdrie	778 (3)	524
Beiseker	404 (3)	360
Blackie	156	184
Carstairs	761	665
Cayley	133	146
Cochrane	819 (3)	857
Cremona	191	221
Crossfield	582	593
Irricana	104	167
Longview	173 (1)	-
Turner Valley	625	702
Division No. 7	40,833	40,837
52. Provost	2,944 (1)	3,328
61. Wainwright	4,454(2,3)	4,847
62. Flagstaff	5,977(4,5)	6,355
Stettler, County No. 6	5,640 (6)	5,968
Paintearth, County No. 18(7)	3,227	3,278
Towns:		
Castor	1,090	1,025
Coronation	811	864
Daysland	632	539
Hardisty	597 (5)	582
Killam	866 (4)	552
Provost	1,328	1,022
Sedgewick	760 (4)	655
Stettler	3,988 (6)	3,638
Wainwright	3,867 (2)	3,351
Villages:		
Alliance	291	291
Amisk	134 (1)	127
Big Valley	378	461
Botha	134 (6)	112
Chauvin	362 (3)	395
Czar	222	196
Donalda	271	289
Edgerton	345	295
Forestburg	669	677
Gadsby	84	98
Galahad	174 (4)	231
Halkirk	177	172
Heisler	214 (4)	214
Hughenden	274	294
Irma	430	425
Lougheed	252 (4)	217
Rochon Sands (8)	2	28
Strome	239 (5)	311
Division No. 8	83,912	76,533
65. I.D.	5,612	5,532
68. I.D.	108 (1)	124
Ponoka, County No. 3	8,392 (1)	8,688
Lacombe, County No. 14	8,367 (2)	8,725
Red Deer, County No. 23(3)	12,943(4,5)	13,477
Indian Reserves	1,736	1,246
Cities:		
Red Deer	26,171 (4)	19,612
Towns:		
Innisfail	2,531 (4)	2,270
Lacombe	3,035	3,029
Ponoka	4,421 (1)	3,938
Rimbey	1,502 (1)	1,266
Rocky Mtn. House	2,446	2,360
Sylvan Lake	1,332	1,381
Villages:		
Alix	636	631
Bentley	637 (2)	588
Blackfalds	729 (2)	477
Bowden	610 (4)	437
Caroline	294	321
Clive	238	251
Delburne	391	450
Eckville	716 (2)	580
Elnora	191	214
Gull Lake (6)	48 (2)	40
Mirror	433	577
Norglenwold (6)	23 (5)	-
Penhold	370	319
Division No. 9	18,195	20,274
8. I.D.	(1)	80
10. I.D.	1,664(1,2)	1,844
27. I.D.	132	133
33. I.D.	32	34
46. I.D.	1,651 (4)	3,076
50. I.D.	45	41
58. I.D.	522 (5)	534
69. I.D.	179 (6)	505
78. I.D. (pt.) (7)	73 (6)	-
Banff National Park (I.D. 51)	3,381	4,101
Banff (not inc.) (8)	2,896	3,429
Jasper National Park (I.D. 80)	2,791	2,902
Jasper (not inc.) (9)	2,505	2,360
Waterton Lakes Nat'l Park (I.D. 8)	266	344
Indian Reserves	1,376	1,441
Towns:		
Blairmore	1,779	1,980
Coleman	1,507 (2)	1,713
Villages:		
Bellevue	1,174	1,323
Canmore	1,445 (4)	-
Frank	178	223
Ghost Lake (10)	-	-
Division No. 10	70,211	70,177
82. Lamont	5,872 (1)	6,754
Beaver, County No. 9	6,009 (2)	6,476
Two Hills, County No. 21 (3)	5,528 (4)	6,205
Camrose, County No. 22(5)	8,285(6,7)	9,041
Vermilion River, County No. 24 (8)	8,380 (9)	8,862
Minburn, County No. 27(10)	5,591(11)	6,181
Elk Island National Park (I.D. 97)	63	69
Cities:		
Camrose	8,362 (7)	6,939
Lloydminster (pt) (12)	3,767 (9)	2,944
Towns:		
Bashaw	697 (7)	614
Mundare	564	603
Tofield	952 (2)	905
Two Hills	1,056 (4)	826
Vegreville	3,598 (11)	2,908
Vermilion	2,685	2,449
Viking	1,146 (2)	1,043
Villages:		
Andrew	525	601
Bawlf	220	203
Bittern Lake	80(7)	76
Bruderheim	290 (1)	299

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY
MUNICIPALITIES FOR CENSUS YEARS, 1961 AND 1966. (Continued)

Subdivision	1966	1961
Villages: (Cont'd)		
Chipman	183	174
Derwent	261	281
Dewberry	198 (9)	179
Edberg	167 (7)	179
Ferintosh	156 (7)	174
Hairy Hill	136	173
Hay Lakes	196 (7)	233
Holden	503	556
Innisfree	314	291
Kitscoty	364	326
Lamont	835	705
Lavoy	118	131
Mannville	683 (11)	632
Marwayne	351	379
Minburn	143	164
Myrnam	460 (4)	441
New Norway	220	263
Paradise Valley	174 (9)	-
Rosalind	222 (6)	-
Ryley	438	469
Willingdon	419	429
Division No. 11	476,053	410,679
77. I.D.	2,022 (1)	2,384
84. Stony Plain	8,846 (2,3)	9,238
90. Sturgeon	15,926 (2,4)	17,837
Wetaskiwin, County No. 10	8,435 (5)	8,701
Strathcona, County No. 20 (6)	16,185 (2,6)	12,075
Leduc, County No. 25 (7)	10,294 (8,9)	10,647
Indian Reserves	2,555	2,072
Cities:		
Edmonton	376,925 (2)	281,027
Wetaskiwin	6,008 (5)	5,300
Towns:		
Beverly	(2)	9,041
Calmar	600 (9)	700
Devon	1,283	1,418
Drayton Valley	3,352 (1)	3,854
Fort Saskatchewan	4,152 (6)	2,972
Jasper Place	(2)	30,530
Leduc	2,856 (9)	2,356
Lodgepole	207	508
Morinville	995	935
St. Albert	9,736 (4)	4,059
Stony Plain	1,397	1,311
Villages:		
Betula Beach (10)	-	7
Bon Accord	147 (4)	-
Breton	447 (9)	428
Crystal Springs (10)	13 (5)	13
Edmonton Beach (10)	41	20
Entwistle	345	411
Gibbons	230	192
Golden Days (10)	6 (8)	-
Itaska Beach (10)	1	2
Kapasiwin (10)	-	2
Lakeview (10)	2	12
Legal	572 (4)	524
Ma-Me-O Beach (10)	103	142
Millet	418	403
New Sarepta	173	184
Point Alison (10)	7	6
Seba Beach (10)	155 (3)	113
Silver Beach (10)	31	14
Spruce Grove	598 (3)	465
Thorsby	583 (9)	491
Warburg	407 (9)	285

Subdivision	1966	1961
Division No. 12	50,635	47,310
85. I.D.	347	338
87. Bonnyville	10,979 (1)	10,209
101. I.D.	1,825	1,951
102. I.D.	4,926 (2)	4,840
121. I.D.	309	323
143. I.D.	1,792 (3)	1,650
Smoky Lake, County No. 13	4,028 (4)	4,913
St. Paul, County No. 19 (5)	6,710 (6)	7,421
Wood Buffalo Nat'l Pk. (pt)	231	86
Indian Reserves	3,704	3,229
Towns:		
Bonnyville	2,237 (1)	1,736
Cold Lake	1,289 (1)	1,307
Elk Point	726 (6)	692
Fort McMurray (7)	2,614 (3)	1,186
Grand Centre	1,731 (1)	1,493
Lac La Biche	1,490	1,314
St. Paul	3,543 (6)	2,823
Smoky Lake	871 (4)	626
Villages:		
Bonnyville Beach (8)	1 (1)	-
Glendon	350 (1)	315
Plamondon	195 (2)	-
Vilna	344	400
Warspite	119	153
Waskatenau	274	305
Division No. 13	44,142	45,431
92. Westlock	7,378 (1)	7,864
107. I.D.	1,565 (2)	1,571
108. I.D.	629	636
122. I.D.	424 (2)	613
Thorhild, County No. 7	4,324 (3,4)	5,096
Barrhead, County No. 11	5,467	5,759
Athabasca, County No. 12	6,147 (3,5)	6,792
Lac Ste. Anne, County No. 28 (6)	6,687 (7,8)	7,151
Indian Reserves	353	432
Towns:		
Athabasca	1,551	1,487
Barrhead	2,592	2,286
Mayerthorpe	916 (8)	663
Redwater	1,041	1,135
Westlock	2,685 (1)	1,838
Villages:		
Alberta Beach (9)	143 (8)	135
Boyle	437 (5)	346
Castle Island (9)	-	-
Clyde	256	259
Fort Assiniboine	187	216
Island Lake (9)	9	12
Nakamun Park (9)	2 (7)	-
Onoway	375 (8)	302
Radway	158	183
Ross Haven (9)	17 (7)	-
Sandy Beach (9)	20	4
Sangudo	314 (8)	325
Sunset Point (9)	18	14
Thorhild	430 (4)	312
Val Quentin (9)	8 (7)	-
West Cove (9)	6 (7)	-
Yellowstone (9)	3 (7)	-

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1961 AND 1966. (Concluded)

Subdivision	1966	1961
Division No. 14	20,358	19,282
78. I.D. (pt) (1)	3,550 (2)	3,484
79. I.D.	490	667
95. I.D.	3,202 (3)	3,638
96. I.D. (pt) (4)	410	430
109. I.D.	1,457 (2,5)	2,351
Towns:		
Edson	3,788 (3)	3,198
Hinton	4,307	3,529
Whitecourt	2,279 (5)	1,054
Villages:		
Evansburg	472	452
Wildwood	403	479
Division No. 15	88,344	76,884
96. I.D. (pt) (1)	150 (1)	-
110. I.D.	472 (1)	552
111. I.D.	365	353
123. I.D.	86	279
124. I.D.	2,732 (2)	3,108
125. I.D.	3,101	3,212
126. I.D.	2,726 (2)	2,579
128. I.D.	1,100 (3)	769
129. I.D.	712	577
130. Smoky River	3,984 (2)	4,094
131. I.D.	2,163 (4,5)	2,403
132. I.D.	2,595 (6)	2,646
133. Spirit River	1,243 (2)	1,318
134. I.D.	2,792	2,505
135. Peace	2,223 (2,4)	2,053
136. Fairview	1,745 (2)	1,917
137. I.D.	(3)	174
138. I.D.	3,251 (4,7)	3,194
139. I.D.	3,379	2,772
144. I.D.	84 (8)	212
145. I.D.	8 (8)	144
146. I.D.	852 (7,8)	662
147. I.D.	3,826 (8,9)	3,189
148. I.D.	63 (8)	86
149. I.D.	129 (8)	339
Grande Prairie, County No. 1	8,697 (2,6)	8,803
Indian Reserves	3,878	3,022
Cities:		
Grande Prairie	11,417 (2)	8,352
Towns:		
Beaverlodge	1,083 (2)	897
Fairview	1,884 (2)	1,506
Falher	843	741
Grimshaw	1,376 (2)	1,095
High Level	708 (9)	-
High Prairie	2,241	1,756
Manning	1,179	896
McLennan	1,104 (2)	1,078
Peace River	4,087 (4)	2,543
Slave Lake	1,716 (2)	468
Spirit River	1,034 (2)	890
Swan Hills	1,414	643
Valleyview	1,827 (2)	1,077
Villages:		
Berwyn	430 (2)	347
Donnelly	249	289
Girouxville	305	318
Hines Creek	418	398
Hythe	445 (2)	449
Kinuso	376	323
Nampa	288 (5)	271
Rycroft	539 (2)	500
Sexsmith	491 (2)	531
Wanham	235	251
Wembley	299	303

ESTIMATED POPULATION BY SEX AND AGE GROUP FOR ALBERTA, 1968

Ages	Total	Male	Female
0 - 4	161.4	82.7	78.7
5 - 9	185.3	94.5	90.8
10 - 14	169.5	87.0	82.5
15 - 19	141.7	72.0	69.7
20 - 24	114.5	56.4	58.1
25 - 29	98.4	48.4	50.0
30 - 34	95.2	48.5	46.7
35 - 39	97.0	50.4	46.6
40 - 44	92.8	47.1	45.7
45 - 49	82.4	41.4	41.0
50 - 54	71.1	36.1	35.0
55 - 59	59.1	30.3	28.8
60 - 64	48.3	25.3	23.0
65 - 69	37.7	19.6	18.1
70 - 74	28.6	14.5	14.1
75 - 79	21.5	11.0	10.5
80 - 84	13.6	7.0	6.6
85 - 89	6.0	3.0	3.0
90+	1.9	0.9	1.0
TOTAL	1,526.0	776.1	749.9

TABLE 1

GENERAL SUMMARY OF VITAL STATISTICS FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	Live Births							Stillbirths								Infant Deaths								
				In Hospital		Illegitimate		20 - 27 weeks		28+ weeks			Total Deaths		Deaths in Hospital	Total		Under 7 Days		7 - 27 Days		Post Neonatal		Maternal Deaths
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Marriages	Male	Female		Male	Female	Male	Female	Male	Female	Male	Female	
Alberta	30,149	15,640	14,509	15,531	14,412	1,867	1,747	33	31	142	112	13,640	6,101	3,862	7,212	342	265	215	169	32	20	95	76	8
Division No. 1	702	375	327	375	326	33	28	-	1	3	-	343	212	143	284	11	10	9	9	-	-	2	1	-
Bow Island, t.	18	9	9	9	9	2	1	-	-	-	-	9	14	1	12	1	-	1	-	-	-	-	-	-
Medicine Hat, c.	446	247	199	247	199	26	25	-	-	3	-	314	160	133	238	7	9	6	8	-	-	1	1	-
Redcliffe, t.	33	15	18	15	18	2	1	-	1	-	-	8	7	4	8	2	-	1	-	-	-	1	-	-
Other	205	104	101	104	100	3	1	-	-	-	-	12	31	5	26	1	1	1	1	-	-	-	-	-
Division No. 2	1,547	791	756	783	749	58	57	1	1	12	5	682	363	219	456	12	6	10	6	-	-	2	-	-
Brooks, t.	86	45	41	45	41	6	1	-	-	2	-	53	26	9	31	4	1	4	1	-	-	-	-	-
Coaldale, t.	35	17	18	17	18	-	1	1	-	1	2	27	13	14	16	-	-	-	-	-	-	-	-	-
Lethbridge, c.	655	327	328	327	327	22	29	-	-	2	3	443	186	123	257	3	2	3	2	-	-	-	-	-
Picture Butte, t.	18	5	13	5	13	1	-	-	-	-	-	3	6	2	6	-	-	-	-	-	-	-	-	-
Raymond, t.	41	25	16	25	15	4	1	-	-	-	-	15	15	7	13	2	-	1	-	-	-	1	-	-
Taber, t.	103	55	48	55	48	6	5	-	-	1	-	62	26	13	33	-	-	-	-	-	-	-	-	-
Other	609	317	292	309	287	19	20	-	1	6	-	79	91	51	100	3	3	2	3	-	-	1	-	-
Division No. 3	602	322	280	317	272	69	50	1	2	2	3	353	141	99	182	10	11	6	4	3	3	1	4	-
Cardston, t.	89	40	49	40	49	13	16	-	2	-	-	184	13	17	27	2	1	1	-	1	1	-	-	-
Claresholm, t.	45	30	15	30	15	2	2	-	-	-	-	22	17	12	27	3	2	1	1	2	-	-	1	-
Fort Macleod, t.	46	22	24	22	24	3	3	-	-	-	-	35	21	14	24	-	-	-	-	-	-	-	-	-
Magrath, t.	21	12	9	12	9	2	1	-	-	-	-	2	3	6	7	1	1	1	-	-	-	-	1	-
Pincher Creek, t.	59	31	28	31	28	1	1	-	-	-	1	41	14	19	26	-	3	-	2	-	-	-	1	-
Other	342	187	155	182	147	48	27	1	-	2	2	69	73	31	71	4	4	3	1	-	2	1	1	-
Division No. 4	212	107	105	102	103	6	6	1	-	3	-	91	77	38	87	2	6	1	5	-	-	1	1	-
Hanna, t.	49	23	26	23	26	3	2	-	-	1	-	41	21	14	28	1	2	1	2	-	-	-	-	-
Other	163	84	79	79	77	3	4	1	-	2	-	50	56	24	59	1	4	-	3	-	-	1	1	-
Division No. 5	618	301	317	300	310	32	33	-	1	4	1	249	189	128	215	8	7	7	2	-	2	1	3	1
Drumheller, c.	90	44	46	44	46	7	4	-	-	-	1	75	35	23	46	2	1	2	1	-	-	-	-	-
Three Hills, t.	43	25	18	25	18	1	-	-	-	-	-	35	13	4	14	1	-	-	-	-	-	1	-	-
Vulcan, t.	29	13	16	13	16	2	1	-	-	-	-	19	10	14	21	-	1	-	1	-	-	-	-	-
Other	456	219	237	218	230	22	28	-	1	4	-	120	131	87	134	5	5	5	-	-	2	-	3	1
Division No. 6	7,931	4,167	3,764	4,153	3,760	480	482	6	6	33	27	3,670	1,479	1,057	1,864	71	59	38	36	5	2	28	21	4
Calgary, c.	7,244	3,788	3,456	3,783	3,452	450	461	5	6	30	25	3,452	1,315	945	1,650	64	55	36	34	5	2	23	19	3
Didsbury, t.	27	12	15	12	15	2	1	-	-	1	-	25	12	9	16	1	1	-	1	-	-	1	-	-
High River, t.	28	12	16	12	16	2	2	-	-	-	-	34	14	24	33	-	1	-	-	-	-	-	1	-
Olds, t.	75	37	38	37	38	3	2	1	-	1	-	34	11	13	21	-	-	-	-	-	-	-	-	-
Other	557	318	239	309	239	23	16	-	-	1	2	125	127	66	144	6	2	2	1	-	-	4	1	1
Division No. 7	634	318	316	313	312	20	16	-	-	2	3	322	205	122	271	7	9	7	7	-	-	-	2	1
Castor, t.	11	7	4	7	4	2	-	-	-	-	-	16	11	8	15	2	-	2	-	-	-	-	-	-
Provost, t.	21	8	13	8	13	1	1	-	-	-	-	20	9	2	8	-	-	-	-	-	-	-	-	-
Stettler, t	77	34	43	34	43	1	3	-	-	-	1	65	20	19	34	-	1	-	1	-	-	-	-	-
Wainwright, t.	70	35	35	34	35	4	4	-	-	1	1	56	23	18	35	-	-	-	-	-	-	-	-	-
Other	455	234	221	230	217	12	8	-	-	1	1	165	142	75	179	5	8	5	6	-	-	-	2	1
Division No. 8	1,535	773	762	769	757	104	79	1	2	[illegible]	9	724	338	222	397	25	8	14	5	5	2	6	1	-
Innisfail, t.	43	24	19	24	18	1	-	-	-	-	1	45	10	14	20	-	-	-	-	-	-	-	-	-
Lacombe, t.	44	25	19	25	19	3	2	-	-	1	1	62	20	19	30	-	-	-	-	-	-	-	-	-
Ponoka, t.	71	35	36	35	36	7	2	-	1	-	-	59	31	17	31	2	-	2	-	-	-	-	-	-
Red Deer, c.	526	263	263	263	263	25	26	-	-	-	5	329	101	73	107	8	2	5	2	1	-	2	-	-
Rimbey, t.	37	14	23	14	23	-	-	-	-	1	-	45	13	11	21	-	-	-	-	-	-	-	-	-
Rocky Mtn. House, t.	93	41	52	38	49	12	10	-	-	-	-	53	17	10	23	4	3	2	-	-	2	2	1	-
Sylvan Lake, t.	25	13	12	13	12	1	3	-	-	-	-	15	12	10	18	1	-	1	-	-	-	-	-	-
Other	696	358	338	357	337	55	36	1	1	6	2	116	134	68	147	10	3	4	3	4	-	2	-	-

TABLE 1
GENERAL SUMMARY OF VITAL STATISTICS FOR CENSUS DIVISIONS AND
INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	Live Births							Stillbirths					Total Deaths			Infant Deaths								
				In Hospital		Illegitimate		20 - 27 weeks		28+ weeks					Deaths in Hospital	Total		Under 7 Days		7 - 27 Days		Post Neonatal		
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Marriages	Male	Female		Male	Female	Male	Female	Male	Female	Male	Female	Maternal Deaths
Division No. 9	306	164	142	159	141	43	23	1	-	1	1	179	102	58	107	3	6	1	3	1	-	1	3	1
Bellevue, vl.	16	8	8	8	8	-	2	-	-	-	-	8	6	3	7	-	1	-	-	-	-	-	1	-
Blairmore, t.	21	8	13	8	13	-	1	-	-	-	-	15	15	11	18	-	-	-	-	-	-	-	-	-
Canmore, vl.	30	16	14	16	14	4	2	-	-	-	-	11	7	1	6	-	-	-	-	-	-	-	-	-
Coleman, t.	27	13	14	13	14	-	1	-	-	-	-	23	16	8	17	-	-	-	-	-	-	-	-	-
Other	212	119	93	114	92	39	17	1	-	1	1	122	58	35	59	3	5	1	3	1	-	1	2	-
Division No. 10	1,035	524	511	522	511	25	34	1	1	5	4	555	425	273	514	12	8	7	6	1	-	4	2	-
Camrose, c.	147	81	66	81	66	5	8	-	-	-	-	124	122	90	143	2	-	1	-	1	-	-	-	-
Lloydminster, c. (pt)	109	59	50	59	50	3	7	-	1	-	1	81	17	19	31	1	4	1	3	-	-	-	1	-
Two Hills, t.	16	6	10	6	10	-	-	-	-	-	-	7	3	-	3	-	-	-	-	-	-	-	-	-
Vegreville, t.	74	37	37	37	37	2	3	-	-	-	-	76	28	18	36	1	2	1	2	-	-	-	-	-
Vermilion, t.	43	20	23	19	23	-	3	-	-	-	-	34	19	13	29	-	-	-	-	-	-	-	-	-
Viking, t.	18	7	11	6	11	-	1	-	-	-	-	18	13	9	8	1	-	1	-	-	-	-	-	-
Other	628	314	314	314	314	15	12	1	-	5	3	215	223	124	264	7	2	3	1	-	-	4	1	-
Division No. 11	10,446	5,415	5,031	5,406	5,024	668	625	14	11	42	35	5,020	1,713	1,099	2,020	106	83	70	57	9	6	27	20	1
Devon, t.	18	10	8	10	11	3	-	-	-	-	-	13	6	3	7	-	-	-	-	-	-	-	-	-
Drayton Valley, t.	99	52	47	52	47	2	4	-	-	-	2	37	7	5	7	2	1	2	1	-	-	-	-	-
Edmonton, c.	8,764	4,555	4,209	4,551	4,207	581	557	13	10	30	28	4,399	1,365	894	1,670	87	72	56	50	7	6	24	16	1
Fort Saskatchewan, t.	68	32	36	32	35	3	1	-	-	-	-	49	14	10	18	2	1	2	1	-	-	-	-	-
Leduc, t.	67	37	30	37	30	4	2	-	-	-	1	57	20	12	21	1	-	1	-	-	-	-	-	-
St. Albert, t.	178	86	92	86	92	10	6	-	-	1	1	64	25	32	16	-	-	-	-	-	-	-	-	-
Stony Plain, t.	29	16	13	16	13	-	1	-	-	-	-	33	15	7	17	-	-	-	-	-	-	-	-	-
Wetaskiwin, c.	101	49	52	49	52	8	6	1	-	2	1	84	34	28	46	2	-	2	-	-	-	-	-	-
Other	1,122	578	544	573	540	57	48	-	1	9	2	284	227	108	218	12	9	7	5	2	-	3	4	-
Division No. 12	1,248	633	615	626	602	91	88	2	1	13	6	382	207	103	205	19	16	15	8	1	3	3	5	-
Bonnyville, t.	61	30	31	30	31	1	3	-	-	2	1	46	16	8	19	1	-	1	-	-	-	-	-	-
Cold Lake, t.	38	22	16	22	16	7	7	-	-	-	-	29	7	2	7	3	-	3	-	-	-	-	-	-
Fort McMurray, t.	187	101	86	101	86	6	9	-	-	-	2	29	10	7	10	1	2	1	1	-	1	-	-	-
Grand Centre, t.	44	23	21	23	21	2	2	-	-	3	-	16	3	3	5	-	-	-	-	-	-	-	-	-
Lac La Biche, t.	61	32	29	32	29	7	6	-	-	2	1	27	9	6	9	2	1	2	1	-	-	-	-	-
St. Paul, t.	90	45	45	45	45	6	1	-	-	1	-	57	24	22	32	1	1	1	-	-	-	-	1	-
Other	767	380	387	373	374	62	60	2	1	5	2	178	138	55	123	11	12	7	6	1	2	3	4	-
Division No. 13	729	377	352	373	351	43	39	1	2	4	2	309	241	102	225	12	10	6	4	1	1	5	5	-
Athabasca, t.	24	15	9	15	9	3	2	-	-	-	-	34	14	6	7	-	-	-	-	-	-	-	-	-
Barrhead, t.	51	26	25	26	25	1	4	1	1	-	1	64	21	16	30	2	2	-	2	-	-	2	-	-
Redwater, t.	21	12	9	12	9	1	2	-	-	-	-	6	6	3	6	1	1	1	1	-	-	-	-	-
Westlock, t.	52	32	20	32	20	3	2	-	-	-	-	64	14	16	21	2	-	1	-	-	-	1	-	-
Other	581	292	289	288	288	35	29	-	1	4	1	141	186	61	161	7	7	4	1	1	1	2	5	-
Division No. 14	405	203	202	200	200	20	21	2	2	2	5	105	79	34	75	6	5	2	3	2	1	2	1	1
Edson, t.	99	50	49	50	49	2	7	1	-	-	2	39	15	12	23	-	2	-	1	-	1	-	-	-
Hinton, t.	96	46	50	46	50	6	2	-	-	-	-	21	17	5	10	2	1	1	-	-	-	1	1	-
Whitecourt, t.	75	34	41	34	41	4	6	-	1	-	-	28	9	9	14	2	2	-	2	2	-	-	-	1
Other	135	73	62	70	60	8	6	1	1	2	3	17	38	8	28	2	-	1	-	-	-	1	-	-
Division No. 15	2,199	1,170	1,029	1,133	994	175	166	2	1	8	11	656	330	165	310	38	21	22	14	4	-	12	7	-
Beaverlodge, t.	25	13	12	13	12	2	1	-	-	1	1	23	8	2	8	-	-	-	-	-	-	-	-	-
Fairview, t.	31	19	12	19	12	1	1	-	-	-	-	30	7	11	16	1	1	1	1	-	-	-	-	-
Grande Prairie, c.	321	166	155	166	155	11	19	-	-	1	1	170	45	26	49	7	3	6	3	-	-	1	-	-
Grimshaw, t.	47	28	19	28	19	1	1	1	-	-	-	12	4	3	3	-	1	-	-	-	-	-	1	-
High Prairie, t.	65	36	29	36	29	13	7	-	1	-	1	40	15	10	18	2	-	1	-	-	-	1	-	-
Manning, t.	32	21	11	21	11	2	1	-	-	-	-	20	9	4	9	3	-	2	-	1	-	-	-	-
McLennan, t.	27	13	14	13	14	5	2	-	-	-	-	10	6	2	6	1	-	1	-	-	-	-	-	-
Peace River, t.	147	76	71	76	71	10	7	-	-	-	1	73	16	16	20	5	3	4	2	-	-	1	1	-
Slave Lake, t.	65	34	31	33	30	6	9	-	-	-	-	6	7	5	6	-	-	-	-	-	-	-	-	-
Spirit River, t.	22	11	11	11	11	-	-	-	-	-	-	17	12	11	19	1	2	1	1	-	-	-	1	-
Swan Hills, t.	40	21	19	21	19	-	2	-	-	-	-	2	3	1	1	1	1	-	1	1	-	-	-	-
Valleyview, t.	57	30	27	29	27	5	2	-	-	-	-	13	5	2	2	1	-	-	-	-	-	1	-	-
Other	1,320	702	618	667	584	119	114	1	-	6	7	240	193	72	153	16	10	6	6	2	-	8	4	-

TABLE 2

DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE, 1968

	PLACE OF RESIDENCE														
	Total occurrence	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	U.S.A.	Other
Total residence	153,975	3,123	990	6,610	4,905	39,537	55,552	7,878	7,498	9,963	16,828	84	228	663	116
Newfoundland	3,116	3,090	-	4	-	6	3	-	-	1	-	-	-	4	8
Prince Edward Island	990	1	964	4	5	4	2	-	-	-	-	-	-	9	1
Nova Scotia	6,642	8	11	6,522	38	7	19	1	-	-	-	-	-	32	4
New Brunswick	4,945	1	1	25	4,784	61	18	-	-	-	2	-	-	48	5
Quebec	39,286	9	2	4	42	38,976	140	6	1	1	4	-	7	74	20
Ontario	55,769	12	8	26	14	320	54,900	34	11	14	32	1	1	342	54
Manitoba	7,919	-	1	-	-	5	75	7,728	57	9	8	-	10	25	1
Saskatchewan	7,463	-	-	-	1	1	11	39	7,329	55	14	1	-	9	3
Alberta	9,991	-	-	4	-	5	22	12	49	9,774	64	3	23	33	2
British Columbia	16,894	1	1	3	-	2	28	22	29	76	16,633	3	-	81	15
Yukon	86	-	-	-	-	1	-	1	-	1	4	73	-	4	2
Northwest Territories	205	-	-	1	-	1	1	1	2	5	2	2	187	2	1
U.S.A.	669	1	2	17	21	148	333	34	20	27	65	1	-	-	-

TABLE 3

DEATHS AND HOSPITAL DEATHS BY OCCURRENCE AND RESIDENCE FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	........TOTAL DEATHS.......				......HOSPITAL DEATHS......			
	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.
DIVISION 1								
BOW ISLAND	12	15	4	7	11	12	4	5
MEDICINE HAT	309	293	42	26	256	238	37	19
REDCLIFF	[illegible]	11		8		8		8
TOTAL	340	355	23	38	267	284	15	32
DIVISION 2								
BROOKS	39	35	15	11	33	31	13	11
COALDALE	23	27	4	[illegible]	12	16	3	7
LETHBRIDGE	352	309	87	44	301	257	77	33
PICTURE BUTTE	13	8	7	2	12	6	7	1
RAYMOND	23	22	6	5	14	13	4	3
TABER	46	39	22	15	40	33	19	12
TOTAL	568	582	70	84	429	456	43	70
DIVISION 3								
CARDSTON	31	30	12	11	30	27	12	9
CLARESHOLM	58	29	38	9	54	27	35	8
FORT MACLEOD	38	35	11	8	27	24	9	6
MAGRATH	15	9	[illegible]	2	13	7	7	1
PINCHER CREEK	42	33	19	10	37	26	18	7
TOTAL	219	240	36	57	167	182	28	43
DIVISION 4								
HANNA	49	35	21	7	42	28	21	7
TOTAL	96	115	16	35	64	87	9	32
DIVISION 5								
DRUMHELLER	81	58	36	13	68	46	34	12
THREE HILLS	11	17	5	11	11	14	5	8
VULCAN	25	24	12	11	20	21	10	11
TOTAL	224	317	17	110	128	215	10	97
DIVISION 6								
CALGARY	2,454	2,260	345	151	1,877	1,650	300	73
DIDSBURY	44	21	32	9	41	16	32	7
HIGH RIVER	59	38	32	11	50	33	27	10
OLDS	40	24	23	7	35	21	20	6
TOTAL	2,685	2,536	296	147	2,034	1,864	249	79
DIVISION 7								
CASTOR	19	19	10	10	15	15	9	9
PROVOST	23	11	14	2	22	8	14	
STETTLER	75	39	44	[illegible]	71	34	42	5
WAINWRIGHT	49	41	21	13	45	35	18	8
TOTAL	278	327	24	73	223	271	13	61
DIVISION [illegible]								
INNISFAIL	20	24	11	15	18	20	10	12
LACOMBE	37	39	14	16	30	30	14	14
PONOKA	116	48	81	13	104	31	80	7
RED DEER	231	174	81	24	165	107	75	17
RIMBEY	35	24	17	6	31	21	16	6
ROCKY MOUNTAIN HOUSE	27	27	10	10	22	23	7	8
SYLVAN LAKE	4	22		18		18		18
TOTAL	553	560	107	114	390	397	89	96
DIVISION 9								
BELLEVUE	2	9		7		7		7
BLAIRMORE	10	26	3	19	6	18	3	15
CANMORE	10	8	5	3	5	6	2	3
COLEMAN	4	24		20		17		17
TOTAL	144	160	40	56	77	107	10	40
DIVISION 10								
CAMROSE	268	212	67	11	199	143	63	7
LLOYDMINSTER &PT.	14	36	6	28	9	31	4	26
TWO HILLS	10	3	[illegible]	1	10	3	8	1
VEGREVILLE	63	46	30	13	52	36	27	11
VERMILION	37	32	14	9	37	29	14	6
VIKING	42	22	22	2	23	8	17	2
TOTAL	631	698	75	142	446	514	59	127

TABLE 3

DEATHS AND HOSPITAL DEATHS BY OCCURRENCE AND RESIDENCE FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	........TOTAL DEATHS.......				......HOSPITAL DEATHS......			
	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= CCCUR.
DIVISION 11								
DEVON	[illegible]	9	2	5	5	7	2	4
DRAYTON VALLEY	25	12	18	5	22	7	16	1
EDMONTON	2,743	2,259	674	190	2,157	1,670	602	115
FORT SASKATCHEWAN	29	24	11	6	22	18	10	6
LEDUC	28	32	7	11	15	21	4	10
ST. ALBERT	46	57	8	19		16		16
STONY PLAIN	30	22	18	10	23	17	15	9
WETASKIWIN	92	62	39	9	75	46	35	6
TOTAL	3,172	2,812	530	170	2,403	2,020	479	96
DIVISION 12								
BONNYVILLE	35	24	16	5	28	19	14	5
COLD LAKE	15	9	8	2	14	7	8	1
FORT MCMURRAY	24	17	13	6	17	10	10	3
GRAND CENTRE	1	6	1	6		5		5
LAC LA BICHE	19	15	9	5	16	9	8	1
ST. PAUL	62	46	20	4	47	32	18	3
TOTAL	264	310	25	71	162	205	17	60
DIVISION 13								
ATHABASCA	38	20	23	5	23	7	19	3
BARRHEAD	59	37	30	8	52	30	28	6
REDWATER	4	9	1	6		6		6
WESTLOCK	70	30	48	8	62	21	46	5
TOTAL	280	343	37	100	154	225	17	88
DIVISION 14								
EDSON	28	27	9	8	22	23	7	8
HINTON	17	22	3	8	10	10	3	3
WHITECOURT	17	18	9	10	15	14	8	7
TOTAL	82	113	15	46	47	75	7	35
DIVISION 15								
BEAVERLODGE	13	10	6	3	11	8	6	3
FAIRVIEW	24	18	12	6	21	16	9	4
GRANDE PRAIRIE	97	71	36	10	76	49	33	6
GRIMSHAW	4	7		3		3		3
HIGH PRAIRIE	46	25	23	2	38	18	20	
MANNING	12	13	5	6	8	9	4	5
MCLENNAN	16	8	9	1	14	6	9	1
PEACE RIVER	42	32	19	9	27	20	12	5
SLAVE LAKE	[illegible]	12	1	5	1	6		5
SPIRIT RIVER	36	23	20	7	31	19	18	6
SWAN HILLS	2	4		2		1		1
VALLEYVIEW	8	7	4	3	5	2	3	
TOTAL	455	495	35	75	259	310	7	58
PROVINCE TOTAL	9,991	9,963	217	189	7,250	7,212	138	100

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
	I. INFECTIVE AND PARASITIC DISEASES.																	
	TUBERCULOSIS (A1-A5).																	
A	1 RESPIRATORY.																	
	A ACTIVE	M	8	1	–	1	–	–	1	–	–	1	–	3	1	–	–	–
		F	3	–	–	–	–	–	1	1	–	–	–	1	–	–	–	–
		T	11	1	–	1	–	–	2	1	–	1	–	4	1	–	–	–
	B INACTIVE (002.2, 008.2) ..	M	4	–	–	–	–	–	–	–	–	–	–	2	–	–	–	2
		F	3	–	–	–	–	–	1	–	–	–	–	1	1	–	–	–
		T	7	–	–	–	–	–	1	–	–	–	–	3	1	–	–	2
	TOTAL (A1).	M	12	1	–	1	–	–	1	–	–	1	–	5	1	–	–	2
		F	6	–	–	–	–	–	2	1	–	–	–	2	1	–	–	–
		T	18	1	–	1	–	–	3	1	–	1	–	7	2	–	–	2
A	2 MENINGES AND CENTRAL ...... NERVOUS SYSTEM	M	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
A	3 INTESTINE, PERITONEUM AND MESENTERY	M	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
A	4 BONE AND JOINT	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	5 OTHER FORMS	M	3	–	–	–	–	–	1	–	–	–	–	1	–	1	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	4	–	–	–	–	–	1	–	–	–	–	2	–	1	–	–
	TOTAL (A1-A5).	M	17	1	–	1	–	–	2	–	–	2	–	7	1	1	–	2
		F	7	–	–	–	–	–	2	1	–	–	–	3	1	–	–	–
		T	24	1	–	1	–	–	4	1	–	2	–	10	2	1	–	2
	SYPHILIS (A6-A10).																	
A	6 CONGENITAL	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	7 EARLY	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	8 TABES DORSALIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	9 GENERAL PARESIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	10 OTHERS	M	3	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	4	–	1	–	–	–	–	–	–	–	1	2	–	–	–	–
	TOTAL (A6-A10).	M	3	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	4	–	1	–	–	–	–	–	–	–	1	2	–	–	–	–
A	11 GONOCOCCAL INFECTION	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	12 TYPHOID	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	13 PARATYPHOID AND OTHER ..... SALMONELLA	M	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	2	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–
A	14 CHOLERA	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	15 BRUCELLOSIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	16 DYSENTERY	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	17 SCARLET FEVER	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
A	18 STREPTOCOCCAL SORE THROAT	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	19 ERYSIPELAS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST # NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
A 20	SEPTICAEMIA AND PYAEMIA ...	M	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
		F	3	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1
		T	5	-	-	-	-	-	-	-	-	-	-	3	-	-	-	2
A 21	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 22	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 23	MENINGOCOCCAL INFECTIONS ..	M	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
		F	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	2	-	-	-	-	1	-	1	-	-
A 24	PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 25	LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 26	TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 27	ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 28	ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 29	ACUTE ENCEPHALITIS	M	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 30	LATE EFFECTS OF POLIO- .... MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A 31	SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 32	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 33	YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 34	INFECTIOUS HEPATITIS	M	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
		F	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3
		T	6	-	-	-	-	-	-	-	-	-	-	1	1	-	1	3
A 35	RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 36	TYPHUS AND OTHER RICKETT- SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 37	MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 38	SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
A 43	OTHER	M	8	–	1	–	–	–	2	–	–	–	–	3	–	–	–	2
		F	5	–	–	–	–	1	3	1	–	–	–	–	–	–	–	–
		T	13	–	1	–	–	1	5	1	–	–	–	3	–	–	–	2
	TOTAL (A1-A43).	**M**	**36**	**1**	**2**	**1**	**1**	**–**	**4**	**–**	**–**	**2**	**1**	**14**	**2**	**2**	**1**	**5**
		F	**25**	**–**	**–**	**–**	**–**	**1**	**8**	**2**	**–**	**–**	**–**	**9**	**1**	**–**	**–**	**4**
		T	**61**	**1**	**2**	**1**	**1**	**1**	**12**	**2**	**–**	**2**	**1**	**23**	**3**	**2**	**1**	**9**
	II. NEOPLASMS.																	
	MALIGNANT NEOPLASMS (A44-A59).																	
A 44	BUCCAL CAVITY AND PHARYNX	M	16	–	–	–	–	–	6	–	1	1	1	6	–	–	–	1
		F	5	–	1	–	–	–	1	–	–	–	1	1	–	–	–	1
		T	21	–	1	–	–	–	7	–	1	1	2	7	–	–	–	2
A 45	OESOPHAGUS	M	20	1	3	–	–	–	5	1	–	1	1	7	1	–	–	–
		F	3	–	–	–	–	–	1	–	–	–	–	1	–	–	–	1
		T	23	1	3	–	–	–	6	1	–	1	1	8	1	–	–	1
A 46	STOMACH	M	136	3	11	1	2	7	23	7	6	–	12	46	5	5	4	4
		F	48	4	3	1	–	1	12	2	3	1	3	15	–	2	1	–
		T	184	7	14	2	2	8	35	9	9	1	15	61	5	7	5	4
A 47	INTESTINE, EXCEPT RECTUM ..	M	84	3	7	1	1	2	25	2	7	–	5	29	1	–	–	1
		F	98	2	10	2	–	4	30	2	5	3	8	25	1	4	1	1
		T	182	5	17	3	1	6	55	4	12	3	13	54	2	4	1	2
A 48	RECTUM	M	50	2	3	–	–	1	15	3	1	1	4	14	1	–	3	2
		F	36	1	4	–	–	3	11	2	1	–	–	12	2	–	–	–
		T	86	3	7	–	–	4	26	5	2	1	4	26	3	–	3	2
A 49	LARYNX	M	4	–	–	–	–	–	1	1	–	–	–	1	–	–	–	1
		F	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
		T	6	–	–	–	1	–	2	1	–	–	–	1	–	–	–	1
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	202	7	15	2	–	7	49	8	9	4	10	67	7	4	3	10
		F	31	–	2	–	–	1	9	–	1	2	–	10	4	–	–	2
		T	233	7	17	2	–	8	58	8	10	6	10	77	11	4	3	12
A 51	BREAST	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	163	7	11	1	1	3	40	3	18	4	10	53	–	4	–	8
		T	163	7	11	1	1	3	40	3	18	4	10	53	–	4	–	8
A 52	CERVIX UTERI	F	33	–	2	–	–	–	10	1	1	–	3	13	2	–	1	–
A 53	UTERUS, OTHER PARTS	F	20	–	2	–	–	1	5	–	2	–	3	6	–	1	–	–
A 54	PROSTATE	M	116	5	4	1	1	2	29	9	5	3	6	31	1	8	2	9
A 55	SKIN	M	14	–	–	–	–	–	2	3	1	–	1	4	2	–	1	–
		F	18	1	1	2	–	–	4	–	–	1	1	8	–	–	–	–
		T	32	1	1	2	–	–	6	3	1	1	2	12	2	–	1	–
A 56	BONE AND CONNECTIVE TISSUE	M	8	–	2	–	–	–	2	1	–	–	–	3	–	–	–	–
		F	6	1	–	–	–	–	2	–	–	–	1	1	–	–	1	–
		T	14	1	2	–	–	–	4	1	–	–	1	4	–	–	1	–
A 57	OTHER AND UNSPECIFIED SITES.																	
A	DIGESTIVE ORGANS .... (155-159)	M	114	6	8	2	3	7	22	2	8	–	10	25	4	8	2	7
		F	79	2	5	2	1	6	22	3	3	2	10	16	1	1	–	5
		T	193	8	13	4	4	13	44	5	11	2	20	41	5	9	2	12
B	RESPIRATORY ORGANS .... (160, 164, 165)	M	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		F	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
		T	2	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–
C	URINARY ORGANS .... (180, 181)	M	62	3	3	1	–	2	19	4	1	1	3	22	1	–	–	2
		F	25	–	2	–	–	1	6	–	1	–	2	11	1	–	–	1
		T	87	3	5	1	–	3	25	4	2	1	5	33	2	–	–	3
D	BRAIN AND NERVOUS SYSTEM (193)	M	36	1	4	–	–	–	11	–	4	–	–	13	–	1	1	1
		F	23	–	1	1	–	1	7	1	3	1	2	4	1	1	–	–
		T	59	1	5	1	–	1	18	1	7	1	2	17	1	2	1	1
E	OTHER	M	59	–	5	–	1	2	19	4	5	–	2	13	1	4	1	2
		F	139	7	7	4	2	3	44	3	6	5	9	31	2	8	2	6
		T	198	7	12	4	3	5	63	7	11	5	11	44	3	12	3	8
	TOTAL (A57).	M	272	10	20	3	4	11	71	10	18	1	15	74	6	13	4	12
		F	267	9	15	7	3	11	80	7	13	8	23	62	5	10	2	12
		T	539	19	35	10	7	22	151	17	31	9	38	136	11	23	6	24
A 58	LEUKAEMIA AND ALEUKAEMIA ..	M	62	3	5	–	2	–	19	4	5	–	2	16	–	2	–	4
		F	38	1	4	–	–	1	7	–	2	–	1	18	1	2	–	1
		T	100	4	9	–	2	1	26	4	7	–	3	34	1	4	–	5

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
A 59	**LYMPHATIC AND HAEMATOPOIETIC SYSTEM.**																	
A	HODGKIN'S (201)	M	21	–	–	–	–	–	5	–	1	–	–	12	2	–	–	1
		F	12	–	2	1	–	–	4	–	–	–	–	4	–	–	–	1
		T	33	–	2	1	–	–	9	–	1	–	–	16	2	–	–	2
B	OTHER	M	37	1	2	3	–	1	9	–	3	–	2	12	2	–	–	2
		F	28	1	–	1	–	1	5	–	2	1	1	15	1	–	–	–
		T	65	2	2	4	–	2	14	–	5	1	3	27	3	–	–	2
	TOTAL (A59).	M	58	1	2	3	–	1	14	–	4	–	2	24	4	–	–	3
		F	40	1	2	2	–	1	9	–	2	1	1	19	1	–	–	1
		T	98	2	4	5	–	2	23	–	6	1	3	43	5	–	–	4
	TOTAL (A44–A59).	M	1042	35	72	11	10	31	261	49	57	11	59	322	28	32	17	47
		F	808	27	57	15	5	26	222	17	48	20	55	244	16	23	6	27
		T	1850	62	129	26	15	57	483	66	105	31	114	566	44	55	23	74
A 60	BENIGN AND UNSPECIFIED	M	14	–	1	1	–	–	4	–	1	–	1	4	–	1	–	1
		F	14	2	–	1	–	1	3	–	3	–	1	1	2	–	–	–
		T	28	2	1	2	–	1	7	–	4	–	2	5	2	1	–	1
	TOTAL (A44–A60).	**M**	**1056**	**35**	**73**	**12**	**10**	**31**	**265**	**49**	**58**	**11**	**60**	**326**	**28**	**33**	**17**	**48**
		F	**822**	**29**	**57**	**16**	**5**	**27**	**225**	**17**	**51**	**20**	**56**	**245**	**18**	**23**	**6**	**27**
		T	**1878**	**64**	**130**	**28**	**15**	**58**	**490**	**66**	**109**	**31**	**116**	**571**	**46**	**56**	**23**	**75**
	III, IV. ALLERGIC, ENDOCRINE, METABOLIC AND BLOOD DISEASES.																	
A 61	NON-TOXIC GOITRE	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
A 62	THYROTOXICOSIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 63	DIABETES MELLITUS	M	100	7	7	5	–	2	28	5	7	2	3	26	2	1	1	4
		F	104	6	4	3	1	2	30	6	3	2	5	28	5	1	1	7
		T	204	13	11	8	1	4	58	11	10	4	8	54	7	2	2	11
A 64	NUTRITIONAL DEFICIENCY .... STATES	M	2	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
		T	3	–	1	–	–	–	1	1	–	–	–	–	–	–	–	–
A 65	ANAEMIAS	M	6	–	–	–	–	–	1	–	1	–	1	2	–	–	–	1
		F	7	–	–	2	–	–	1	1	1	–	2	–	–	–	–	–
		T	13	–	–	2	–	–	2	1	2	–	3	2	–	–	–	1
A 66	OTHER	M	29	2	1	–	–	–	5	2	1	–	2	10	1	1	1	3
		F	34	–	3	2	–	3	6	1	3	–	2	9	2	2	1	–
		T	63	2	4	2	–	3	11	3	4	–	4	19	3	3	2	3
	TOTAL (A61–A66).	**M**	**137**	**9**	**9**	**5**	**–**	**2**	**35**	**7**	**9**	**2**	**6**	**38**	**3**	**2**	**2**	**8**
		F	**147**	**6**	**8**	**7**	**1**	**5**	**37**	**9**	**7**	**2**	**9**	**37**	**7**	**3**	**2**	**7**
		T	**284**	**15**	**17**	**12**	**1**	**7**	**72**	**16**	**16**	**4**	**15**	**75**	**10**	**5**	**4**	**15**
	V. MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS.																	
A 67	PSYCHOSES	M	3	–	–	–	–	1	–	–	–	–	1	–	1	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	3	–	–	–	–	1	–	–	–	–	1	–	1	–	–	–
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	13	–	1	–	–	–	3	–	–	–	–	9	–	–	–	–
		F	7	–	1	1	–	–	1	–	–	–	–	4	–	–	–	–
		T	20	–	2	1	–	–	4	–	–	–	–	13	–	–	–	–
A 69	MENTAL DEFICIENCY	M	2	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	2	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–
	TOTAL (A67–A69).	**M**	**18**	**–**	**1**	**–**	**–**	**1**	**4**	**–**	**–**	**–**	**1**	**10**	**1**	**–**	**–**	**–**
		F	**7**	**–**	**1**	**1**	**–**	**–**	**1**	**–**	**–**	**–**	**–**	**4**	**–**	**–**	**–**	**–**
		T	**25**	**–**	**2**	**1**	**–**	**1**	**5**	**–**	**–**	**–**	**1**	**14**	**1**	**–**	**–**	**–**
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																	
A 70	CEREBROVASCULAR LESIONS ...	M	527	17	27	20	6	11	120	10	46	9	44	133	13	28	10	33
		F	503	15	28	14	4	13	144	16	42	7	39	138	11	13	1	18
		T	1030	32	55	34	10	24	264	26	88	16	83	271	24	41	11	51
A 71	NON-MENINGOCOCCAL .... MENINGITIS	M	10	–	1	1	–	–	2	–	–	–	–	4	1	–	–	1
		F	4	–	–	–	–	–	1	–	1	–	–	1	–	–	1	–
		T	14	–	1	1	–	–	3	–	1	–	–	5	1	–	1	1
A 72	MULTIPLE SCLEROSIS	M	15	1	2	1	–	–	4	–	3	–	1	2	–	1	–	–
		F	8	–	1	–	–	–	3	–	–	–	–	3	1	–	–	–
		T	23	1	3	1	–	–	7	–	3	–	1	5	1	1	–	–

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
A 73	EPILEPSY	M	14	–	–	–	–	–	5	–	2	–	–	6	–	–	–	1
		F	11	–	1	–	–	1	3	–	–	–	1	3	–	–	1	1
		T	25	–	1	–	–	1	8	–	2	–	1	9	–	–	1	2
A 74	INFLAMMATORY DISEASES OF THE EYE	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 75	CATARACT	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 76	GLAUCOMA	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 77	OTITIS MEDIA AND MASTOIDITIS	M	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	2	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–
A 78	OTHER	M	36	1	2	3	–	1	11	–	4	–	3	7	2	2	–	–
		F	32	2	1	2	–	–	8	–	2	–	2	13	–	2	–	–
		T	68	3	3	5	–	1	19	–	6	–	5	20	2	4	–	–
	TOTAL (A70–A78)	M	**603**	**19**	**32**	**25**	**6**	**12**	**142**	**10**	**55**	**9**	**49**	**152**	**16**	**31**	**10**	**35**
		F	**559**	**17**	**31**	**16**	**4**	**14**	**159**	**16**	**45**	**7**	**42**	**159**	**12**	**15**	**3**	**19**
		T	**1162**	**36**	**63**	**41**	**10**	**26**	**301**	**26**	**100**	**16**	**91**	**311**	**28**	**46**	**13**	**54**
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																	
	HEART DISEASE (A79–A83).																	
A 79	RHEUMATIC FEVER	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 80	CHRONIC RHEUMATIC	M	40	2	5	–	1	3	8	1	2	1	2	10	–	3	–	2
		F	46	2	3	1	–	3	12	–	4	1	1	14	1	4	–	–
		T	86	4	[illegible]	1	1	6	20	1	6	2	3	24	1	7	–	2
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	1866	75	123	34	35	73	414	63	92	31	155	531	56	79	20	85
		F	887	35	58	22	12	34	211	40	53	8	74	266	13	25	8	28
		T	2753	110	181	56	47	107	625	103	145	39	229	797	69	104	28	113
A 82	OTHER	M	121	–	2	5	2	3	29	9	6	4	7	33	9	3	2	7
		F	61	1	5	4	–	–	23	5	2	–	4	12	3	–	–	2
		T	182	1	7	9	2	3	52	14	8	4	11	45	12	3	2	9
A 83	HYPERTENSIVE	M	40	1	6	–	–	1	7	3	–	1	5	10	1	2	1	2
		F	47	4	3	2	1	–	11	1	–	–	3	16	2	1	–	3
		T	87	5	9	2	1	1	18	4	–	1	8	26	3	3	1	5
	TOTAL (A79–A83).	M	2067	78	136	39	38	80	458	76	100	37	169	584	66	87	23	96
		F	1041	42	69	29	13	37	257	46	59	9	82	308	19	30	8	33
		T	3108	120	205	68	51	117	715	122	159	46	251	892	85	117	31	129
A 84	HYPERTENSION	M	28	1	–	–	–	–	8	3	1	–	1	7	1	5	–	1
		F	21	–	3	–	–	–	10	–	2	–	–	4	–	–	–	2
		T	49	1	3	–	–	–	18	3	3	–	1	11	1	5	–	3
A 85	ARTERIAL DISEASES	M	142	8	7	4	4	6	37	6	4	1	8	40	4	7	3	3
		F	99	7	1	4	–	4	25	2	8	–	2	37	3	3	–	3
		T	241	15	8	8	4	10	62	8	12	1	10	77	7	10	3	6
A 86	OTHER	M	40	2	5	2	–	1	6	2	1	1	1	15	–	2	–	2
		F	25	1	2	1	–	1	8	1	–	–	2	6	1	1	–	1
		T	65	3	7	3	–	2	14	3	1	1	3	21	1	3	–	3
	TOTAL (A79–A86).	M	**2277**	**89**	**148**	**45**	**42**	**87**	**509**	**87**	**106**	**39**	**179**	**646**	**71**	**101**	**26**	**102**
		F	**1186**	**50**	**75**	**34**	**13**	**42**	**300**	**49**	**69**	**9**	**86**	**355**	**23**	**34**	**8**	**39**
		T	**3463**	**139**	**223**	**79**	**55**	**129**	**809**	**136**	**175**	**48**	**265**	**1001**	**94**	**135**	**34**	**141**
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																	
A 87	ACUTE UPPER RESPIRATORY	M	3	–	–	–	–	–	1	–	2	–	–	–	–	–	–	–
		F	2	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–
		T	5	–	–	–	–	–	1	–	2	–	–	–	1	–	1	–
A 88	INFLUENZA	M	28	–	1	1	–	–	3	–	3	1	10	5	3	–	1	–
		F	26	1	–	–	–	–	3	2	2	–	11	4	2	–	–	1
		T	54	1	1	1	–	–	6	2	5	1	21	9	5	–	1	1
	PNEUMONIA (A89–A91).																	
A 89	LOBAR	M	26	–	3	–	–	2	6	–	1	1	1	5	1	3	–	3
		F	5	–	–	–	–	–	1	–	–	–	–	2	–	1	–	1
		T	31	–	3	–	–	2	7	–	1	1	1	7	1	4	–	4
A 90	BRONCHO	M	125	4	7	1	1	4	21	3	8	3	16	40	5	4	2	6
		F	118	5	4	5	1	2	33	2	2	2	23	28	4	2	–	5
		T	243	9	11	6	2	6	54	5	10	5	39	68	9	6	2	11

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	75	–	1	3	–	1	20	2	2	1	7	23	3	5	–	7
		F	61	2	3	1	1	3	15	2	8	1	2	18	2	–	–	3
		T	136	2	4	4	1	4	35	4	10	2	9	41	5	5	–	10
	TOTAL (A89-A91).	M	226	4	11	4	1	7	47	5	11	5	24	68	9	12	2	16
		F	184	7	7	6	2	5	49	4	10	3	25	48	6	3	–	9
		T	410	11	18	10	3	12	96	9	21	8	49	116	15	15	2	25
	BRONCHITIS (A92, A93).																	
A 92	ACUTE	M	3	–	–	1	–	–	1	–	–	–	1	–	–	–	–	–
		F	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
		T	4	–	–	1	–	–	2	–	–	–	1	–	–	–	–	–
A 93	CHRONIC AND UNQUALIFIED	M	93	1	7	3	–	2	30	4	4	1	2	32	2	2	–	3
		F	17	–	1	–	–	–	4	–	1	1	–	7	2	–	–	1
		T	110	1	8	3	–	2	34	4	5	2	2	39	4	2	–	4
	TOTAL (A92, A93).	M	96	1	7	4	–	2	31	4	4	1	3	32	2	2	–	3
		F	18	–	1	–	–	–	5	–	1	1	–	7	2	–	–	1
		T	114	1	8	4	–	2	36	4	5	2	3	39	4	2	–	4
A 94	TONSILS AND ADENOIDS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 95	EMPYEMA AND LUNG ABSCESS	M	4	–	–	–	–	–	–	–	1	–	–	3	–	–	–	–
		F	2	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–
		T	6	–	–	–	–	–	1	–	1	–	1	3	–	–	–	–
A 96	PLEURISY	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 97	OTHER	M	103	4	8	4	1	2	27	4	5	3	3	25	2	5	2	8
		F	34	–	2	–	–	–	8	2	1	2	2	13	1	2	–	1
		T	137	4	10	4	1	2	35	6	6	5	5	38	3	7	2	9
	TOTAL (A87-A97).	**M**	**460**	**9**	**27**	**13**	**2**	**11**	**109**	**13**	**26**	**10**	**40**	**133**	**16**	**19**	**5**	**27**
		F	**266**	**8**	**10**	**6**	**2**	**5**	**66**	**8**	**14**	**6**	**39**	**72**	**12**	**5**	**1**	**12**
		T	**726**	**17**	**37**	**19**	**4**	**16**	**175**	**21**	**40**	**16**	**79**	**205**	**28**	**24**	**6**	**39**
	IX. DISEASES OF THE DIGESTIVE SYSTEM.																	
A 98	DISEASES OF THE TEETH	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
A 99	ULCER OF THE STOMACH	M	16	–	1	1	–	–	5	–	–	1	2	4	–	1	–	1
		F	7	1	1	–	–	–	2	1	–	–	–	2	–	–	–	–
		T	23	1	2	1	–	–	7	1	–	1	2	6	–	1	–	1
A 100	ULCER OF THE DUODENUM	M	23	1	2	–	–	2	9	–	1	–	1	5	–	1	–	1
		F	6	–	–	1	–	–	2	–	1	–	1	1	–	–	–	–
		T	29	1	2	1	–	2	11	–	2	–	2	6	–	1	–	1
A 101	GASTRITIS AND DUODENITIS	M	4	–	–	–	–	1	1	1	–	–	–	1	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	4	–	–	–	–	1	1	1	–	–	–	1	–	–	–	–
A 102	APPENDICITIS	M	3	–	–	–	–	–	–	–	1	–	–	2	–	–	–	–
		F	4	–	1	–	–	1	–	1	–	–	–	1	–	–	–	–
		T	7	–	1	–	–	1	–	1	1	–	–	3	–	–	–	–
A 103	INTESTINAL OBSTRUCTION AND HERNIA	M	24	–	1	–	–	1	9	–	2	1	4	4	–	–	–	2
		F	20	1	1	–	–	2	5	1	1	–	1	4	–	1	–	3
		T	44	1	2	–	–	3	14	1	3	1	5	8	–	1	–	5
A 104	GASTRO-ENTERITIS AND COLITIS	M	18	1	2	–	–	–	6	–	3	–	3	2	1	–	–	–
		F	24	2	–	1	1	1	11	1	–	1	–	4	1	1	–	–
		T	42	3	2	1	1	1	17	1	3	1	3	6	2	1	–	–
A 105	CIRRHOSIS OF LIVER	M	50	4	3	1	–	–	12	1	1	3	6	12	2	3	–	2
		F	33	–	–	–	–	1	16	–	1	1	1	9	1	2	–	1
		T	83	4	3	1	–	1	28	1	2	4	7	21	3	5	–	3
A 106	CHOLELITHIASIS AND CHOLECYSTITIS	M	19	–	2	–	–	–	3	–	1	1	1	8	2	–	–	1
		F	32	5	2	2	1	1	4	–	1	–	3	6	1	3	–	3
		T	51	5	4	2	1	1	7	–	2	1	4	14	3	3	–	4
A 107	OTHER	M	43	2	2	4	–	3	6	4	5	1	–	13	1	1	–	1
		F	35	1	3	–	–	3	7	1	1	–	6	10	1	1	–	1
		T	78	3	5	4	–	6	13	5	6	1	6	23	2	2	–	2
	TOTAL (A98-A107).	**M**	**200**	**8**	**13**	**6**	**–**	**7**	**51**	**6**	**14**	**7**	**17**	**51**	**6**	**6**	**–**	**8**
		F	**162**	**10**	**8**	**4**	**2**	**10**	**47**	**5**	**5**	**2**	**12**	**37**	**4**	**8**	**–**	**8**
		T	**362**	**18**	**21**	**10**	**2**	**17**	**98**	**11**	**19**	**9**	**29**	**88**	**10**	**14**	**–**	**16**

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
	X. DISEASES OF THE GENITO-URINARY SYSTEM.																	
A 108	ACUTE NEPHRITIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
A 109	CHRONIC AND OTHER NEPHRITIS	M	17	1	3	1	1	–	5	2	–	–	1	2	–	1	–	–
		F	24	1	2	–	–	1	5	2	4	1	1	5	1	–	–	1
		T	41	2	5	1	1	1	10	4	4	1	2	7	1	1	–	1
A 110	INFECTIONS OF KIDNEY	M	15	2	–	–	–	1	5	–	1	–	1	5	–	–	–	–
		F	12	–	2	–	–	–	4	1	–	–	1	2	–	–	–	2
		T	27	2	2	–	–	1	9	1	1	–	2	7	–	–	–	2
A 111	CALCULI	M	5	–	1	1	–	1	–	–	–	–	–	2	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	5	–	1	1	–	1	–	–	–	–	–	2	–	–	–	–
A 112	HYPERPLASIA OF PROSTATE ...	M	22	2	2	–	–	–	5	–	–	2	3	6	1	1	–	–
A 113	BREAST	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 114	OTHER	M	19	2	3	1	–	–	4	1	–	–	1	7	–	–	–	–
		F	[illegible]	–	–	–	–	–	–	–	1	1	–	5	–	1	–	–
		T	27	2	3	1	–	–	4	1	1	1	1	12	–	1	–	–
	TOTAL (A108–A114).	**M**	**78**	**7**	[illegible]	**3**	**1**	**2**	**19**	**3**	**1**	**2**	**6**	**22**	**1**	**2**	**–**	**–**
		F	**45**	**1**	[illegible]	**–**	**–**	**1**	**10**	**3**	**5**	**2**	[illegible]	**12**	**1**	**1**	**–**	**3**
		T	**123**	**8**	**13**	**3**	**1**	**3**	**29**	**6**	[illegible]	**4**	[illegible]	**34**	**2**	**3**	**–**	**3**
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.																	
A 115	SEPSIS	F	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
A 116	TOXAEMIA	F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 117	HAEMORRHAGE	F	3	–	–	–	–	–	–	1	–	–	–	1	–	–	1	–
A 118	ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
A 119	ABORTION WITH SEPSIS	F	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
A 120	OTHER	F	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
	TOTAL (A115–A120).	**F**	**8**	**–**	**–**	**–**	**–**	**1**	**4**	**1**	**–**	**–**	**–**	**1**	**–**	**–**	**1**	**–**
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																	
A 121	SKIN INFECTIONS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A 122	ARTHRITIS AND SPONDYLITIS	M	6	–	–	–	–	–	3	–	–	–	1	–	1	1	–	–
		F	8	1	1	–	–	–	5	–	1	–	–	–	–	–	–	–
		T	14	1	1	–	–	–	8	–	1	–	1	–	1	1	–	–
A 123	RHEUMATISM	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
A 124	OSTEOMYELITIS	M	2	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	2	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–
A 125	ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
		F	2	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		T	3	1	–	–	–	1	–	–	–	–	–	1	–	–	–	–
A 126	OTHER	M	8	–	–	–	–	2	2	–	1	–	1	1	–	–	1	–
		F	8	–	–	–	–	–	3	2	–	–	–	3	–	–	–	–
		T	16	–	–	–	–	2	5	2	1	–	1	4	–	–	1	–
	TOTAL (A121–A126).	**M**	**17**	**–**	**–**	**–**	**–**	**3**	**5**	**–**	**1**	**–**	**2**	**3**	**1**	**1**	**1**	**–**
		F	**19**	**2**	**1**	**–**	**–**	**–**	[illegible]	**2**	**2**	**–**	**–**	**4**	**–**	**–**	**–**	**–**
		T	**36**	**2**	**1**	**–**	**–**	**3**	**13**	**2**	**3**	**–**	**2**	**7**	**1**	**1**	**1**	**–**
	XIV. CONGENITAL MALFORMATIONS.																	
A 127	SPINA BIFIDA AND MENINGOCELE.																	
	A WITHOUT HYDROCEPHALUS	M	5	1	1	–	–	–	2	–	–	–	–	–	–	–	1	–
		F	5	1	–	1	–	–	–	–	1	–	–	1	–	–	–	1
		T	10	2	1	1	–	–	2	–	1	–	–	1	–	–	1	1
	B WITH HYDROCEPHALUS	M	3	–	–	–	–	–	1	–	1	–	–	–	–	–	1	–
		F	4	–	–	–	1	–	–	–	–	–	–	3	–	–	–	–
		T	7	–	–	–	1	–	1	–	1	–	–	3	–	–	1	–

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO. CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
TOTAL (A127).	M	8	1	1	–	–	–	3	–	1	–	–	–	–	–	2	–
	F	9	1	–	1	1	–	–	–	1	–	–	4	–	–	–	1
	T	17	2	1	1	1	–	3	–	2	–	–	4	–	–	2	1
A 128 CIRCULATORY SYSTEM	M	33	1	–	2	–	–	10	–	2	–	1	12	1	3	–	1
	F	28	–	–	1	1	1	11	1	1	1	–	7	1	–	1	2
	T	61	1	–	3	1	1	21	1	3	1	1	19	2	3	1	3
A 129 OTHER	M	31	1	–	3	–	1	5	–	3	–	2	11	2	1	–	2
	F	21	1	1	–	–	2	10	3	–	–	–	3	–	–	–	1
	T	52	2	1	3	–	3	15	3	3	–	2	14	2	1	–	3
TOTAL (A127-A129).	M	**72**	**3**	**1**	**5**	**–**	**1**	**18**	**–**	**6**	**–**	**3**	**23**	**3**	**4**	**2**	**3**
	F	**58**	**2**	**1**	**2**	**2**	**3**	**21**	**4**	**2**	**1**	**–**	**14**	**1**	**–**	**1**	**4**
	T	**130**	**5**	**2**	**7**	**2**	**4**	**39**	**4**	**8**	**1**	**3**	**37**	**4**	**4**	**3**	**7**
XV. DISEASES OF EARLY INFANCY.																	
A 130 BIRTH INJURY	M	30	1	1	1	–	–	5	2	2	–	1	13	2	–	1	1
	F	17	1	1	1	–	–	–	–	1	–	–	12	1	–	–	–
	T	47	2	2	2	–	–	5	2	3	–	1	25	3	–	1	1
A 131 POSTNATAL ASPHYXIA AND ATELECTASIS	M	51	4	2	–	2	1	4	3	4	1	2	14	2	1	2	9
	F	31	3	–	1	1	–	2	1	1	2	–	11	–	2	–	7
	T	82	7	2	1	3	1	6	4	5	3	2	25	2	3	2	16
A 132 INFECTIONS OF NEWBORN	M	10	–	–	1	–	–	4	–	1	–	1	3	–	–	–	–
	F	6	–	–	–	–	–	3	–	–	–	–	1	2	–	–	–
	T	16	–	–	1	–	–	7	–	1	–	1	4	2	–	–	–
A 133 ERYTHROBLASTOSIS	M	3	–	–	–	–	–	1	–	–	–	–	2	–	–	–	–
	F	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
	T	4	–	–	–	–	–	1	–	–	–	–	3	–	–	–	–
A 134 OTHER DEFINED	M	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
	F	2	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–
	T	3	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1
A 135 ILL-DEFINED	M	115	3	6	2	–	5	28	2	7	1	3	36	7	3	–	12
	F	112	4	4	3	4	2	27	3	3	2	7	30	7	5	3	8
	T	227	7	10	5	4	7	55	5	10	3	10	66	14	8	3	20
TOTAL (A130-A135).	M	**210**	**8**	**9**	**4**	**2**	**6**	**42**	**7**	**14**	**2**	**7**	**68**	**11**	**4**	**3**	**23**
	F	**169**	**8**	**5**	**5**	**5**	**2**	**33**	**4**	**6**	**4**	**7**	**55**	**10**	**7**	**3**	**15**
	T	**379**	**16**	**14**	**9**	**7**	**8**	**75**	**11**	**20**	**6**	**14**	**123**	**21**	**11**	**6**	**38**
XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.																	
A 136 SENILITY WITHOUT PSYCHOSIS	M	33	–	–	–	–	–	4	2	1	–	8	15	–	1	–	2
	F	15	–	–	1	–	–	3	–	–	–	3	6	1	1	–	–
	T	48	–	–	1	–	–	7	2	1	–	11	21	1	2	–	2
A 137 ILL-DEFINED AND UNKNOWN	M	142	–	1	3	1	3	111	2	–	2	3	7	3	2	–	4
	F	72	1	1	1	–	1	56	–	2	2	2	4	1	1	–	–
	T	214	1	2	4	1	4	167	2	2	4	5	11	4	3	–	4
TOTAL (A136, A137).	M	**175**	**–**	**1**	**3**	**1**	**3**	**115**	**4**	**1**	**2**	**11**	**22**	**3**	**3**	**–**	**6**
	F	**87**	**1**	**1**	**2**	**–**	**1**	**59**	**–**	**2**	**2**	**5**	**10**	**2**	**2**	**–**	**–**
	T	**262**	**1**	**2**	**5**	**1**	**4**	**174**	**4**	**3**	**4**	**16**	**32**	**5**	**5**	**–**	**6**
XVII. ACCIDENTS, POISONINGS AND VIOLENCE.																	
EXVII. EXTERNAL CAUSE.																	
AE 138 MOTOR VEHICLE ACCIDENTS.																	
A TRAFFIC (810-825)	M	298	11	16	9	6	11	63	10	25	11	18	72	14	11	3	18
	F	120	2	6	2	1	4	33	1	5	1	6	32	9	3	6	9
	T	418	13	22	11	7	15	96	11	30	12	24	104	23	14	9	27
B NON-TRAFFIC	M	10	1	–	–	1	1	2	–	–	–	–	1	–	3	–	1
	F	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
	T	11	1	–	–	1	1	2	–	–	–	1	1	–	3	–	1
TOTAL (AE138).	M	308	12	16	9	7	12	65	10	25	11	18	73	14	14	3	19
	F	121	2	6	2	1	4	33	1	5	1	7	32	9	3	6	9
	T	429	14	22	11	8	16	98	11	30	12	25	105	23	17	9	28
AE 139 OTHER TRANSPORT ACCIDENTS.																	
A DROWNINGS INVOLVING SMALL BOATS (850)	M	7	–	–	–	–	–	1	–	–	–	1	3	1	–	–	1
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	T	7	–	–	–	–	–	1	–	–	–	1	3	1	–	–	1
B DROWNINGS INVOLVING OTHER WATERCRAFT (851)	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
C	OTHER TRANSPORT	M	21	1	[illegible]	–	–	1	8	–	–	–	5	1	3	–	1	–
		F	2	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–
		T	23	1	1	–	–	2	[illegible]	–	–	–	5	2	3	–	1	–
	TOTAL (AE139).	M	28	1	1	–	–	1	9	–	–	–	6	4	4	–	1	1
		F	2	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–
		T	30	1	1	–	–	2	9	–	–	–	6	5	4	–	1	1
AE 140	ACCIDENTAL POISONING	M	46	–	3	2	1	1	10	3	3	1	3	12	2	3	1	1
		F	21	1	–	–	1	2	6	–	2	1	1	6	–	–	1	–
		T	67	1	3	2	2	3	16	3	5	2	4	18	2	3	2	1
AE 141	ACCIDENTAL FALLS	M	63	5	3	–	1	1	15	–	2	1	3	25	1	3	–	3
		F	58	4	6	1	1	2	19	1	6	–	4	13	–	–	–	1
		T	121	9	9	1	2	3	34	1	8	1	7	38	1	3	–	4
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	35	1	1	3	–	1	8	1	2	–	3	8	1	2	1	3
		F	3	–	–	–	–	–	1	–	–	–	–	1	–	–	–	1
		T	38	1	1	3	–	1	9	1	2	–	3	9	1	2	1	4
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	33	1	3	1	–	4	2	2	1	–	–	7	5	–	2	5
		F	23	1	1	–	–	4	3	–	1	–	1	4	–	–	–	8
		T	56	2	4	1	–	8	5	2	2	–	1	11	5	–	2	13
AE 144	OTHER ACCIDENTAL BURNS	M	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
AE 145	ACCIDENT CAUSED BY FIREARM	M	12	–	–	–	–	–	2	–	3	–	2	–	3	–	–	2
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	12	–	–	–	–	–	2	–	3	–	2	–	3	–	–	2
AE 146	ACCIDENTAL DROWNING	M	32	1	3	–	–	–	5	–	2	1	–	9	4	–	–	7
		F	7	–	–	–	–	–	3	–	–	1	–	1	–	–	–	2
		T	39	1	3	–	–	–	8	–	2	2	–	10	4	–	–	9
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	73	1	3	2	2	3	10	–	4	–	4	23	3	4	4	10
		F	21	–	2	2	1	1	4	–	–	–	1	8	–	1	–	1
		T	94	1	5	4	3	4	14	–	4	–	5	31	3	5	4	11
	TOTAL (AE138-AE147).	M	631	22	33	17	11	23	126	16	42	14	39	162	37	26	12	51
		F	256	8	15	5	4	14	69	2	14	3	14	66	9	4	7	22
		T	887	30	48	22	15	37	195	18	56	17	53	228	46	30	19	73
AE 148	SUICIDE	M	119	1	5	2	1	–	31	3	5	2	4	37	8	6	–	14
		F	36	1	2	–	–	1	9	–	–	–	1	15	2	–	2	3
		T	155	2	7	2	1	1	40	3	5	2	5	52	10	6	2	17
AE 149	HOMICIDE	M	12	1	–	–	–	–	4	–	–	–	–	6	–	1	–	–
		F	10	–	–	1	–	1	1	–	–	–	–	4	1	–	–	2
		T	22	1	–	1	–	1	5	–	–	–	–	10	1	1	–	2
AE 150	WAR INJURIES	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	TOTAL (AE138-AE150).	**M**	**762**	**24**	**38**	**19**	**12**	**23**	**161**	**19**	**47**	**16**	**43**	**205**	**45**	**33**	**12**	**65**
		F	**302**	**9**	**17**	**6**	**4**	**16**	**79**	**2**	**14**	**3**	**15**	**85**	**12**	**4**	**9**	**27**
		T	**1064**	**33**	**55**	**25**	**16**	**39**	**240**	**21**	**61**	**19**	**58**	**290**	**57**	**37**	**21**	**92**
	NXVII. NATURE OF INJURY.																	
AN 138	FRACTURE OF SKULL	M	134	9	7	3	3	8	29	2	10	3	8	23	5	7	4	13
		F	44	2	2	1	1	3	13	–	3	–	5	8	1	–	3	2
		T	178	11	9	4	4	11	42	2	13	3	13	31	6	7	7	15
AN 139	FRACTURE OF SPINE AND TRUNK	M	41	1	2	1	2	1	[illegible]	4	2	3	3	9	1	–	2	2
		F	12	–	–	–	–	2	2	1	–	–	–	2	1	–	2	2
		T	53	1	2	1	2	3	10	5	2	3	3	11	2	–	4	4
AN 140	FRACTURE OF LIMBS	M	25	–	2	–	–	1	3	2	2	–	2	10	–	2	–	1
		F	47	4	7	1	–	1	16	1	3	–	3	11	–	–	–	–
		T	72	4	9	1	–	2	19	3	5	–	5	21	–	2	–	1
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AN 142	SPRAINS AND STRAINS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AN 143	OTHER HEAD INJURY	M	96	4	4	3	2	–	23	1	6	1	7	26	7	6	–	6
		F	27	–	2	1	1	–	8	–	3	–	1	4	2	1	2	2
		T	123	4	6	4	3	–	31	1	9	1	8	30	9	7	2	8
AN 144	INTERNAL INJURY	M	229	7	10	7	2	3	56	3	16	5	15	59	14	9	2	21
		F	62	–	2	1	–	2	16	–	2	1	2	24	5	1	–	6
		T	291	7	12	8	2	5	72	3	18	6	17	83	19	10	2	27
AN 145	OPEN WOUNDS	M	14	–	–	–	–	–	2	–	1	–	–	8	3	–	–	–
		F	2	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
		T	16	–	–	–	–	–	2	–	1	–	–	9	4	–	–	–

TABLE 4

CAUSE OF DEATH BY SEX FOR CENSUS DIVISIONS (INCLUDING CITIES, TOWNS AND VILLAGES) IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		Total Alta.	Census Div. 1	Census Div. 2	Census Div. 3	Census Div. 4	Census Div. 5	Census Div. 6	Census Div. 7	Census Div. 8	Census Div. 9	Census Div. 10	Census Div. 11	Census Div. 12	Census Div. 13	Census Div. 14	Census Div. 15
AN 146	SUPERFICIAL INJURY OR CONTUSION	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AN 147	FOREIGN BODY THROUGH ORIFICE	M	14	–	–	–	–	1	1	–	1	–	–	8	–	1	1	1
		F	14	–	2	–	1	–	3	–	–	–	–	5	–	1	–	2
		T	28	–	2	–	1	1	4	–	1	–	–	13	–	2	1	3
AN 148	BURNS	M	37	1	4	1	–	3	3	2	1	–	2	9	5	–	1	5
		F	20	1	1	–	–	4	1	–	1	–	1	3	–	–	–	8
		T	57	2	5	1	–	7	4	2	2	–	3	12	5	–	1	13
AN 149	POISONINGS	M	74	–	5	2	1	1	20	4	3	1	3	25	3	3	1	2
		F	41	1	1	–	1	3	11	–	2	1	1	17	–	–	1	2
		T	115	1	6	2	2	4	31	4	5	2	4	42	3	3	2	4
AN 150	OTHER	M	98	2	4	2	2	5	16	1	5	3	3	28	7	5	1	14
		F	33	1	–	2	–	1	9	–	–	1	2	10	2	1	1	3
		T	131	3	4	4	2	6	25	1	5	4	5	38	9	6	2	17
	TOTAL (AN138-AN150).	**M**	**762**	**24**	**38**	**19**	**12**	**23**	**161**	**19**	**47**	**16**	**43**	**205**	**45**	**33**	**12**	**65**
		F	**302**	**9**	**17**	**6**	**4**	**16**	**79**	**2**	**14**	**3**	**15**	**85**	**12**	**4**	**9**	**27**
		T	**1064**	**33**	**55**	**25**	**16**	**39**	**240**	**21**	**61**	**19**	**58**	**290**	**57**	**37**	**21**	**92**
	ALL CAUSES.	**M**	**6101**	**212**	**363**	**141**	**77**	**189**	**1479**	**205**	**338**	**102**	**425**	**1713**	**207**	**241**	**79**	**330**
		F	**3862**	**143**	**219**	**99**	**38**	**128**	**1057**	**122**	**222**	**58**	**273**	**1099**	**103**	**102**	**34**	**165**
		T	**9963**	**355**	**582**	**240**	**115**	**317**	**2536**	**327**	**560**	**160**	**698**	**2812**	**310**	**343**	**113**	**495**

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
	I. INFECTIVE AND PARASITIC DISEASES.														
	TUBERCULOSIS (A1-A5).														
A 1	RESPIRATORY.														
	A ACTIVE	M	8	2	1	5	1	-	3	-	-	1	-	-	-
		F	3	-	1	2	1	-	1	-	-	-	-	-	-
		T	11	2	2	7	2	-	4	-	-	1	-	-	-
	B INACTIVE (002.2, 008.2) ..	M	4	2	-	2	-	-	2	-	-	-	-	-	-
		F	3	-	1	2	1	-	1	-	-	-	-	-	-
		T	7	2	1	4	1	-	3	-	-	-	-	-	-
	TOTAL (A1).	M	12	4	1	7	1	-	5	-	-	1	-	-	-
		F	6	-	2	4	2	-	2	-	-	-	-	-	-
		T	18	4	3	11	3	-	7	-	-	1	-	-	-
A 2	MENINGES AND CENTRAL ...... NERVOUS SYSTEM	M	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-
A 3	INTESTINE, PERITONEUM AND MESENTERY	M	1	-	-	1	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	1	-	-	1	-	-	-	-	-	-
A 4	BONE AND JOINT	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 5	OTHER FORMS	M	3	1	-	2	1	-	1	-	-	-	-	-	-
		F	1	-	-	1	-	-	-	-	-	-	-	1	-
		T	4	1	-	3	1	-	1	-	-	-	-	1	-
	TOTAL (A1-A5).	M	17	6	1	10	2	-	7	-	-	1	-	-	-
		F	7	-	2	5	2	-	2	-	-	-	-	1	-
		T	24	6	3	15	4	-	9	-	-	1	-	1	-
	SYPHILIS (A6-A10).														
A 6	CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 7	EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 8	TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 9	GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 10	OTHERS	M	3	-	-	3	-	1	1	-	1	-	-	-	-
		F	1	-	-	1	-	-	1	-	-	-	-	-	-
		T	4	-	-	4	-	1	2	-	1	-	-	-	-
	TOTAL (A6-A10).	M	3	-	-	3	-	1	1	-	1	-	-	-	-
		F	1	-	-	1	-	-	1	-	-	-	-	-	-
		T	4	-	-	4	-	1	2	-	1	-	-	-	-
A 11	GONOCOCCAL INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 12	TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 13	PARATYPHOID AND OTHER ..... SALMONELLA	M	1	-	-	1	-	-	1	-	-	-	-	-	-
		F	1	-	-	1	-	-	1	-	-	-	-	-	-
		T	2	-	-	2	-	-	2	-	-	-	-	-	-
A 14	CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 15	BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 16	DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 17	SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	1	-	-	1	-	-	-	-	-	-
		T	1	-	-	1	-	-	1	-	-	-	-	-	-
A 18	STREPTOCOCCAL SORE THROAT	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 19	ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 20	SEPTICAEMIA AND PYAEMIA ...	M	2	2	-	-	-	-	-	-	-	-	-	-	-
		F	3	2	-	1	-	-	1	-	-	-	-	-	-
		T	5	4	-	1	-	-	1	-	-	-	-	-	-
A 21	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 22	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 23	MENINGOCOCCAL INFECTIONS ..	M	2	1	1	-	-	-	-	-	-	-	-	-	-
		F	2	1	-	1	1	-	-	-	-	-	-	-	-
		T	4	2	1	1	1	-	-	-	-	-	-	-	-
A 24	PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 25	LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 26	TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 27	ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 28	ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 29	ACUTE ENCEPHALITIS	M	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-
A 30	LATE EFFECTS OF POLIO- .... MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	1	1	-	-	-	-	-	-	-	-
		T	1	-	-	1	1	-	-	-	-	-	-	-	-
A 31	SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 32	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 33	YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 34	INFECTIOUS HEPATITIS	M	2	2	-	-	-	-	-	-	-	-	-	-	-
		F	4	4	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	-	-	-	-	-	-	-	-	-	-	-

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 35	RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 36	TYPHUS AND OTHER RICKETTSIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 37	MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 38	SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	8	2	-	6	1	-	3	1	1	-	-	-	-
		F	5	2	1	2	2	-	-	-	-	-	-	-	-
		T	13	4	1	8	3	-	3	1	1	-	-	-	-
	TOTAL (A1-A43).	**M**	**36**	**14**	**2**	**20**	**3**	**1**	**12**	**1**	**2**	**1**	**-**	**-**	**-**
		F	**25**	**9**	**3**	**13**	**6**	**-**	**6**	**-**	**-**	**-**	**-**	**1**	**-**
		T	**61**	**23**	**5**	**33**	**9**	**1**	**18**	**1**	**2**	**1**	**-**	**1**	**-**
	II. NEOPLASMS.														
	MALIGNANT NEOPLASMS (A44-A59).														
A 44	BUCCAL CAVITY AND PHARYNX	M	16	2	2	12	6	-	6	-	-	-	-	-	-
		F	5	3	-	2	1	-	-	1	-	-	-	-	-
		T	21	5	2	14	7	-	6	1	-	-	-	-	-
A 45	OESOPHAGUS	M	20	5	2	13	5	-	5	-	2	1	-	-	-
		F	3	-	-	3	1	-	1	1	-	-	-	-	-
		T	23	5	2	16	6	-	6	1	2	1	-	-	-
A 46	STOMACH	M	136	42	16	78	21	1	42	-	9	3	2	-	-
		F	48	13	6	29	12	1	9	-	1	4	2	-	-
		T	184	55	22	107	33	2	51	-	10	7	4	-	-
A 47	INTESTINE, EXCEPT RECTUM ..	M	84	18	9	57	23	1	22	1	3	2	2	1	2
		F	98	18	16	64	28	1	24	-	6	2	3	-	-
		T	182	36	25	121	51	2	46	1	9	4	5	1	2
A 48	RECTUM	M	50	12	12	26	14	1	9	-	1	1	-	-	-
		F	36	7	4	25	10	-	10	-	4	1	-	-	-
		T	86	19	16	51	24	1	19	-	5	2	-	-	-
A 49	LARYNX	M	4	1	-	3	1	-	1	1	-	-	-	-	-
		F	2	-	1	1	1	-	-	-	-	-	-	-	-
		T	6	1	1	4	2	-	1	1	-	-	-	-	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	202	46	33	123	48	1	57	-	10	4	1	1	1
		F	31	8	4	19	8	-	9	-	1	-	1	-	-
		T	233	54	37	142	56	1	66	-	11	4	2	1	1
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	163	36	24	103	40	1	44	1	7	6	2	1	1
		T	163	36	24	103	40	1	44	1	7	6	2	1	1
A 52	CERVIX UTERI	F	33	7	5	21	9	1	10	-	1	-	-	-	-

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 53	UTERUS, OTHER PARTS	F	20	5	2	13	5	–	5	–	2	–	1	–	–
A 54	PROSTATE	M	116	31	22	63	24	–	26	2	3	5	1	–	2
A 55	SKIN	M	14	5	4	5	2	–	2	–	–	–	1	–	–
		F	18	3	3	12	4	–	7	–	–	1	–	–	–
		T	32	8	7	17	6	–	9	–	–	1	1	–	–
A 56	BONE AND CONNECTIVE TISSUE	M	8	1	–	7	2	–	3	–	2	–	–	–	–
		F	6	2	1	3	1	–	1	–	–	1	–	–	–
		T	14	3	1	10	3	–	4	–	2	1	–	–	–
A 57	OTHER AND UNSPECIFIED SITES.														
	A DIGESTIVE ORGANS .... (155-159)	M	114	34	22	58	21	2	22	1	3	4	4	–	1
		F	79	26	9	44	19	2	15	1	4	2	1	–	–
		T	193	60	31	102	40	4	37	2	7	6	5	–	1
	B RESPIRATORY ORGANS .... (160, 164, 165)	M	1	–	–	1	–	–	1	–	–	–	–	–	–
		F	1	–	–	1	1	–	–	–	–	–	–	–	–
		T	2	–	–	2	1	–	1	–	–	–	–	–	–
	C URINARY ORGANS .... (180, 181)	M	62	18	6	38	17	–	16	–	2	3	–	–	–
		F	25	5	2	18	6	1	9	–	2	–	–	–	–
		T	87	23	8	56	23	1	25	–	4	3	–	–	–
	D BRAIN AND NERVOUS SYSTEM (193)	M	36	8	5	23	7	–	10	1	2	–	2	1	–
		F	23	8	4	11	6	–	3	–	–	–	1	1	–
		T	59	16	9	34	13	–	13	1	2	–	3	2	–
	E OTHER	M	59	19	11	29	17	1	8	–	3	–	–	–	–
		F	139	32	31	76	38	1	26	–	3	7	1	–	–
		T	198	51	42	105	55	2	34	–	6	7	1	–	–
	TOTAL (A57).	M	272	79	44	149	62	3	57	2	10	7	6	1	1
		F	267	71	46	150	70	4	53	1	9	9	3	1	–
		T	539	150	90	299	132	7	110	3	19	16	9	2	1
A 58	LEUKAEMIA AND ALEUKAEMIA ..	M	62	15	8	39	17	–	12	3	4	1	1	–	1
		F	38	12	–	26	7	–	15	1	1	1	1	–	–
		T	100	27	8	65	24	–	27	4	5	2	2	–	1
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.														
	A HODGKIN'S (201)	M	21	3	3	15	4	–	10	1	–	–	–	–	–
		F	12	2	2	8	4	–	2	1	1	–	–	–	–
		T	33	5	5	23	8	–	12	2	1	–	–	–	–
	B OTHER	M	37	9	7	21	8	1	8	–	2	–	2	–	–
		F	28	5	3	20	5	–	14	–	–	1	–	–	–
		T	65	14	10	41	13	1	22	–	2	1	2	–	–
	TOTAL (A59).	M	58	12	10	36	12	1	18	1	2	–	2	–	–
		F	40	7	5	28	9	–	16	1	1	1	–	–	–
		T	98	19	15	64	21	1	34	2	3	1	2	–	–
	TOTAL (A44-A59).	M	1042	269	162	611	237	8	260	10	46	24	16	3	7
		F	808	192	117	499	206	8	204	6	33	26	13	2	1
		T	1850	461	279	1110	443	16	464	16	79	50	29	5	8
A 60	BENIGN AND UNSPECIFIED	M	14	5	1	8	3	–	4	–	1	–	–	–	–
		F	14	4	4	6	2	–	1	–	–	2	1	–	–
		T	28	9	5	14	5	–	5	–	1	2	1	–	–
	TOTAL (A44-A60).	**M**	**1056**	**274**	**163**	**619**	**240**	**8**	**264**	**10**	**47**	**24**	**16**	**3**	**7**
		F	**822**	**196**	**121**	**505**	**208**	**8**	**205**	**6**	**33**	**28**	**14**	**2**	**1**
		T	**1878**	**470**	**284**	**1124**	**448**	**16**	**469**	**16**	**80**	**52**	**30**	**5**	**8**
	III, IV. ALLERGIC, ENDOCRINE, METABOLIC AND BLOOD DISEASES.														
A 61	NON-TOXIC GOITRE	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	1	–	–	–	–	–	–	–	–	–	–	–
		T	1	1	–	–	–	–	–	–	–	–	–	–	–

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	100	23	19	58	27	-	21	-	3	4	1	-	2
		F	104	23	20	61	26	2	23	-	4	6	-	-	-
		T	204	46	39	119	53	2	44	-	7	10	1	-	2
A 64	NUTRITIONAL DEFICIENCY .... STATES	M	2	1	-	1	1	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-
		T	3	2	-	1	1	-	-	-	-	-	-	-	-
A 65	ANAEMIAS	M	6	2	1	3	1	-	2	-	-	-	-	-	-
		F	7	2	4	1	1	-	-	-	-	-	-	-	-
		T	13	4	5	4	2	-	2	-	-	-	-	-	-
A 66	OTHER	M	29	11	3	15	4	-	7	-	-	2	-	-	2
		F	34	9	8	17	6	-	8	-	-	-	2	-	1
		T	63	20	11	32	10	-	15	-	-	2	2	-	3
	TOTAL (A61-A66).	**M**	**137**	**37**	**23**	**77**	**33**	**-**	**30**	**-**	**3**	**6**	**1**	**-**	**4**
		F	**147**	**36**	**32**	**79**	**33**	**2**	**31**	**-**	**4**	**6**	**2**	**-**	**1**
		T	**284**	**73**	**55**	**156**	**66**	**2**	**61**	**-**	**7**	**12**	**3**	**-**	**5**
	V. MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS.														
A 67	PSYCHOSES	M	3	2	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	2	1	-	-	-	-	-	-	-	-	-	-
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	13	-	1	12	3	-	9	-	-	-	-	-	-
		F	7	-	1	6	1	-	4	-	1	-	-	-	-
		T	20	-	2	18	4	-	13	-	1	-	-	-	-
A 69	MENTAL DEFICIENCY	M	2	-	-	2	1	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	2	1	-	1	-	-	-	-	-	-
	TOTAL (A67-A69).	**M**	**18**	**2**	**2**	**14**	**4**	**-**	**10**	**-**	**-**	**-**	**-**	**-**	**-**
		F	**7**	**-**	**1**	**6**	**1**	**-**	**4**	**-**	**1**	**-**	**-**	**-**	**-**
		T	**25**	**2**	**3**	**20**	**5**	**-**	**14**	**-**	**1**	**-**	**-**	**-**	**-**
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.														
A 70	CEREBROVASCULAR LESIONS ...	M	527	152	89	286	110	12	105	4	17	13	19	3	3
		F	503	96	94	213	121	13	109	6	15	15	21	7	6
		T	1030	248	183	599	231	25	214	10	32	28	40	10	9
A 71	NON-MENINGOCOCCAL .... MENINGITIS	M	10	3	2	5	1	-	3	-	1	-	-	-	-
		F	4	1	1	2	1	-	1	-	-	-	-	-	-
		T	14	4	3	7	2	-	4	-	1	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	15	1	4	10	4	-	2	-	2	1	1	-	-
		F	8	1	-	7	3	-	3	-	1	-	-	-	-
		T	23	2	4	17	7	-	5	-	3	1	1	-	-
A 73	EPILEPSY	M	14	5	-	9	3	-	3	1	-	-	2	-	-
		F	11	3	3	5	2	-	2	-	1	-	-	-	-
		T	25	8	3	14	5	-	5	1	1	-	2	-	-
A 74	INFLAMMATORY DISEASES OF .. THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND .... MASTOIDITIS	M	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	-	-

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 78	OTHER	M	36	9	10	17	8	–	7	–	1	1	–	–	–
		F	32	6	4	22	8	1	10	–	–	2	–	1	–
		T	68	15	14	39	16	1	17	–	1	3	–	1	–
	TOTAL (A70-A78).	**M**	**603**	**171**	**105**	**327**	**126**	**12**	**120**	**5**	**21**	**15**	**22**	**3**	**3**
		F	**559**	**108**	**102**	**349**	**135**	**14**	**125**	**6**	**17**	**17**	**21**	**8**	**6**
		T	**1162**	**279**	**207**	**676**	**261**	**26**	**245**	**11**	**38**	**32**	**43**	**11**	**9**
	VII. DISEASES OF THE CIRCULATORY SYSTEM.														
	HEART DISEASE (A79-A83).														
A 79	RHEUMATIC FEVER	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 80	CHRONIC RHEUMATIC	M	40	12	9	19	6	–	8	1	3	1	–	–	–
		F	46	10	8	28	11	–	12	–	1	2	2	–	–
		T	86	22	17	47	17	–	20	1	4	3	2	–	–
A 81	ARTERIOSCLEROTIC AND ...... DEGENERATIVE	M	1866	617	247	1002	350	46	427	13	61	65	28	3	9
		F	887	185	173	529	184	26	216	2	33	31	16	11	10
		T	2753	802	420	1531	534	72	643	15	94	96	44	14	19
A 82	OTHER	M	121	49	16	56	26	3	22	–	2	–	1	–	2
		F	61	14	11	36	19	1	10	–	4	1	1	–	–
		T	182	63	27	92	45	4	32	–	6	1	2	–	2
A 83	HYPERTENSIVE	M	40	16	6	18	5	–	9	–	3	1	–	–	–
		F	47	8	7	32	11	1	15	–	2	3	–	–	–
		T	87	24	13	50	16	1	24	–	5	4	–	–	–
	TOTAL (A79-A83).	M	2067	694	278	1095	387	49	466	14	69	67	29	3	11
		F	1041	217	199	625	225	28	253	2	40	37	19	11	10
		T	3108	911	477	1720	612	77	719	16	109	104	48	14	21
A 84	HYPERTENSION	M	28	11	4	13	6	–	6	–	–	1	–	–	–
		F	21	1	2	18	10	–	4	2	1	–	1	–	–
		T	49	12	6	31	16	–	10	2	1	1	1	–	–
A 85	ARTERIAL DISEASES	M	142	41	18	83	35	1	29	–	5	8	2	1	2
		F	99	16	13	70	22	2	33	1	1	6	4	–	1
		T	241	57	31	153	57	3	62	1	6	14	6	1	3
A 86	OTHER	M	40	13	3	24	6	1	11	–	3	1	1	–	1
		F	25	6	2	17	8	1	5	–	2	1	–	–	–
		T	65	19	5	41	14	2	16	–	5	2	1	–	1
	TOTAL (A79-A86).	**M**	**2277**	**759**	**303**	**1215**	**434**	**51**	**512**	**14**	**77**	**77**	**32**	**4**	**14**
		F	**1186**	**240**	**216**	**730**	**265**	**31**	**295**	**5**	**44**	**44**	**24**	**11**	**11**
		T	**3463**	**999**	**519**	**1945**	**699**	**82**	**807**	**19**	**121**	**121**	**56**	**15**	**25**
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.														
A 87	ACUTE UPPER RESPIRATORY ...	M	3	1	–	2	1	–	–	–	–	–	1	–	–
		F	2	1	1	–	–	–	–	–	–	–	–	–	–
		T	5	2	1	2	1	–	–	–	–	–	1	–	–
A 88	INFLUENZA	M	28	7	3	18	3	10	4	–	–	–	–	–	1
		F	26	8	2	16	3	9	3	–	–	1	–	–	–
		T	54	15	5	34	6	19	7	–	–	1	–	–	1
	PNEUMONIA (A89-A91).														
A 89	LOBAR	M	26	7	7	12	4	1	4	1	1	–	1	–	–
		F	5	2	1	2	–	–	2	–	–	–	–	–	–
		T	31	9	8	14	4	1	6	1	1	–	1	–	–
A 90	BRONCHO	M	125	32	22	71	18	12	29	–	1	4	3	4	–
		F	118	24	19	75	31	16	14	–	3	3	1	7	–
		T	243	56	41	146	49	28	43	–	4	7	4	11	–
A 91	ATYPICAL, OTHER, ... UNSPECIFIED	M	75	18	14	43	19	–	19	–	1	–	2	2	–
		F	61	21	9	31	11	–	12	–	1	2	4	–	1
		T	136	39	23	74	30	–	31	–	2	2	6	2	1

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
	TOTAL (A89-A91).	M	226	57	43	126	41	13	52	1	3	4	6	6	–
		F	184	47	29	108	42	16	28	–	4	5	5	7	1
		T	410	104	72	234	83	29	80	1	7	9	11	13	1
	BRONCHITIS (A92, A93).														
A 92	ACUTE	M	3	2	–	1	1	–	–	–	–	–	–	–	–
		F	1	–	–	1	1	–	–	–	–	–	–	–	–
		T	4	2	–	2	2	–	–	–	–	–	–	–	–
A 93	CHRONIC AND UNQUALIFIED ...	M	93	19	13	61	27	–	24	2	5	1	2	–	–
		F	17	2	4	11	4	–	5	1	1	–	–	–	–
		T	110	21	17	72	31	–	29	3	6	1	2	–	–
	TOTAL (A92, A93).	M	96	21	13	62	28	–	24	2	5	1	2	–	–
		F	18	2	4	12	5	–	5	1	1	–	–	–	–
		T	114	23	17	74	33	–	29	3	6	1	2	–	–
A 94	TONSILS AND ADENOIDS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 95	EMPYEMA AND LUNG ABSCESS ..	M	4	–	–	4	–	–	2	–	–	–	1	1	–
		F	2	1	–	1	1	–	–	–	–	–	–	–	–
		T	6	1	–	5	1	–	2	–	–	–	1	1	–
A 96	PLEURISY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 97	OTHER	M	103	31	16	56	25	–	23	1	5	2	–	–	–
		F	34	7	7	20	8	1	10	–	–	–	–	1	–
		T	137	38	23	76	33	1	33	1	5	2	–	1	–
	TOTAL (A87-A97).	**M**	**460**	**117**	**75**	**268**	**98**	**23**	**105**	**4**	**13**	**7**	**10**	**7**	**1**
		F	**266**	**66**	**43**	**157**	**59**	**26**	**46**	**1**	**5**	**6**	**5**	[illegible]	**1**
		T	**726**	**183**	**118**	**425**	**157**	**49**	**151**	[illegible]	**18**	**13**	**15**	**15**	**2**
	IX. DISEASES OF THE DIGESTIVE SYSTEM.														
A 98	DISEASES OF THE TEETH	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	1	–	–	–	–	–	–	–	–	–	–
		T	1	–	1	–	–	–	–	–	–	–	–	–	–
A 99	ULCER OF THE STOMACH	M	16	3	3	10	5	–	4	–	1	–	–	–	–
		F	7	1	1	5	2	–	2	–	–	1	–	–	–
		T	23	4	4	15	7	–	6	–	1	1	–	–	–
A 100	ULCER OF THE DUODENUM	M	23	6	1	16	9	–	5	–	–	1	1	–	–
		F	6	1	1	4	1	1	1	–	–	–	1	–	–
		T	29	7	2	20	10	1	6	–	–	1	2	–	–
A 101	GASTRITIS AND DUODENITIS ..	M	4	2	–	2	1	–	1	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	4	2	–	2	1	–	1	–	–	–	–	–	–
A 102	APPENDICITIS	M	3	1	–	2	–	–	2	–	–	–	–	–	–
		F	4	3	1	–	–	–	–	–	–	–	–	–	–
		T	7	4	1	2	–	–	2	–	–	–	–	–	–
A 103	INTESTINAL OBSTRUCTION AND HERNIA	M	24	4	8	12	6	1	4	–	–	–	1	–	–
		F	20	6	4	10	5	1	3	–	–	1	–	–	–
		T	44	10	12	22	11	2	7	–	–	1	1	–	–
A 104	GASTRO-ENTERITIS AND ...... COLITIS	M	18	6	4	8	5	–	2	–	1	–	–	–	–
		F	24	6	2	16	10	–	2	–	–	2	–	–	2
		T	42	12	6	24	15	–	4	–	1	2	–	–	2
A 105	CIRRHOSIS OF LIVER	M	50	12	9	29	12	2	11	–	–	3	1	–	–
		F	33	5	5	23	15	–	8	–	–	–	–	–	–
		T	83	17	14	52	27	2	19	–	–	3	1	–	–
A 106	CHOLELITHIASIS AND CHOLECYSTITIS	M	19	6	1	12	2	1	4	–	2	–	1	1	1
		F	32	13	3	16	4	–	6	–	1	5	–	–	–
		T	51	19	4	28	6	1	10	–	3	5	1	1	1

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 107	OTHER	M	43	14	9	20	5	-	10	1	1	2	1	-	-
		F	35	11	3	21	4	2	9	1	3	1	-	-	1
		T	78	25	12	41	9	2	19	2	4	3	1	-	1
	TOTAL (A98-A107).	**M**	**200**	**54**	**35**	**111**	**45**	**4**	**43**	**1**	**5**	**6**	**5**	**1**	**1**
		F	**162**	**46**	**21**	**95**	**41**	**4**	**31**	**1**	**4**	**10**	**1**	**-**	**3**
		T	**362**	**100**	**56**	**206**	**86**	**8**	**74**	**2**	**9**	**16**	**6**	**1**	**4**
	X. DISEASES OF THE GENITO-URINARY SYSTEM.														
A 108	ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-
A 109	CHRONIC AND OTHER NEPHRITIS	M	17	5	5	7	3	-	2	-	1	1	-	-	-
		F	24	7	4	13	4	-	5	1	-	1	2	-	-
		T	41	12	9	20	7	-	7	1	1	2	2	-	-
A 110	INFECTIONS OF KIDNEY	M	15	2	1	12	5	1	4	-	-	2	-	-	-
		F	12	4	2	6	4	-	2	-	-	-	-	-	-
		T	27	6	3	18	9	1	6	-	-	2	-	-	-
A 111	CALCULI	M	5	-	3	2	-	-	2	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	3	2	-	-	2	-	-	-	-	-	-
A 112	HYPERPLASIA OF PROSTATE	M	22	7	3	12	3	1	5	-	1	2	-	-	-
A 113	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114	OTHER	M	19	3	4	12	4	-	6	-	1	1	-	-	-
		F	8	1	2	5	-	-	5	-	-	-	-	-	-
		T	27	4	6	17	4	-	11	-	1	1	-	-	-
	TOTAL (A108-A114).	**M**	**78**	**17**	**16**	**45**	**15**	**2**	**19**	**-**	**3**	**6**	**-**	**-**	**-**
		F	**45**	**13**	**8**	**24**	**8**	**-**	**12**	**1**	**-**	**1**	**2**	**-**	**-**
		T	**123**	**30**	**24**	**69**	**23**	**2**	**31**	**1**	**3**	**7**	**2**	**-**	**-**
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.														
A 115	SEPSIS	F	1	-	-	1	1	-	-	-	-	-	-	-	-
A 116	TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117	HAEMORRHAGE	F	3	1	1	1	-	-	1	-	-	-	-	-	-
A 118	ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	2	1	-	1	1	-	-	-	-	-	-	-	-
A 119	ABORTION WITH SEPSIS	F	1	1	-	-	-	-	-	-	-	-	-	-	-
A 120	OTHER	F	1	-	-	1	1	-	-	-	-	-	-	-	-
	TOTAL (A115-A120).	**F**	[illegible]	**3**	**1**	**4**	**3**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.														
A 121	SKIN INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122	ARTHRITIS AND SPONDYLITIS	M	6	3	-	3	3	-	-	-	-	-	-	-	-
		F	8	1	1	6	4	-	-	-	1	1	-	-	-
		T	14	4	1	9	7	-	-	-	1	1	-	-	-
A 123	RHEUMATISM	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	1	-	-	-	-	-	-	-	-	-	-
		T	1	-	1	-	-	-	-	-	-	-	-	-	-

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
A 124	OSTEOMYELITIS	M	2	–	–	2	–	–	2	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	2	–	–	2	–	–	2	–	–	–	–	–	–
A 125	ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	1	–	1	–	–	–	–	–	–	–	–	–	–
		F	2	–	–	2	–	–	–	–	–	1	–	1	–
		T	3	–	1	2	–	–	–	–	–	1	–	1	–
A 126	OTHER	M	8	3	2	3	2	–	1	–	–	–	–	–	–
		F	8	2	1	5	3	–	1	–	–	–	–	–	1
		T	16	5	3	8	5	–	2	–	–	–	–	–	1
	TOTAL (A121-A126).	**M**	**17**	**6**	**3**	[illegible]	**5**	**–**	**3**	**–**	**–**	**–**	**–**	**–**	**–**
		F	**19**	**3**	**3**	**13**	**7**	**–**	**1**	**–**	**1**	**2**	**–**	**1**	**1**
		T	**36**	**9**	**6**	**21**	**12**	**–**	**4**	**–**	**1**	**2**	**–**	**1**	**1**
	XIV. CONGENITAL MALFORMATIONS.														
A 127	SPINA BIFIDA AND MENINGOCELE.														
	A WITHOUT HYDROCEPHALUS	M	5	1	2	2	1	–	–	–	–	1	–	–	–
		F	5	–	3	2	–	–	1	–	–	1	–	–	–
		T	10	1	5	4	1	–	1	–	–	2	–	–	–
	B WITH HYDROCEPHALUS	M	3	1	1	1	1	–	–	–	–	–	–	–	–
		F	4	–	1	3	–	–	3	–	–	–	–	–	–
		T	7	1	2	4	1	–	3	–	–	–	–	–	–
	TOTAL (A127).	M	8	2	3	3	2	–	–	–	–	1	–	–	–
		F	9	–	4	5	–	–	4	–	–	1	–	–	–
		T	17	2	7	8	2	–	4	–	–	2	–	–	–
A 128	CIRCULATORY SYSTEM	M	33	5	5	23	9	1	11	–	–	1	–	1	–
		F	28	5	6	17	10	–	7	–	–	–	–	–	–
		T	61	10	11	40	19	1	18	–	–	1	–	1	–
A 129	OTHER	M	31	8	8	15	5	–	7	–	–	1	2	–	–
		F	21	6	2	13	9	–	3	–	–	1	–	–	–
		T	52	14	10	28	14	–	10	–	–	2	2	–	–
	TOTAL (A127-A129).	**M**	**72**	**15**	**16**	**41**	**16**	**1**	**18**	**–**	**–**	**3**	**2**	**1**	**–**
		F	**58**	**11**	**12**	**35**	**19**	**–**	**14**	**–**	**–**	**2**	**–**	**–**	**–**
		T	**130**	**26**	**28**	**76**	**35**	**1**	**32**	**–**	**–**	**5**	**2**	**1**	**–**
	XV. DISEASES OF EARLY INFANCY.														
A 130	BIRTH INJURY	M	30	5	6	19	5	–	12	–	1	–	–	–	1
		F	17	1	3	13	–	–	11	–	–	1	1	–	–
		T	47	6	9	32	5	–	23	–	1	1	1	–	1
A 131	POSTNATAL ASPHYXIA AND .... ATELECTASIS	M	51	14	18	19	4	–	8	2	1	2	2	–	–
		F	31	8	8	15	2	–	9	1	–	3	–	–	–
		T	82	22	26	34	6	–	17	3	1	5	2	–	–
A 132	INFECTIONS OF NEWBORN	M	10	1	1	8	4	1	3	–	–	–	–	–	–
		F	6	3	–	3	2	–	1	–	–	–	–	–	–
		T	16	4	1	11	6	1	4	–	–	–	–	–	–
A 133	ERYTHROBLASTOSIS	M	3	1	–	2	1	–	1	–	–	–	–	–	–
		F	1	–	–	1	–	–	1	–	–	–	–	–	–
		T	4	1	–	3	1	–	2	–	–	–	–	–	–
A 134	OTHER DEFINED	M	1	1	–	–	–	–	–	–	–	–	–	–	–
		F	2	–	1	1	1	–	–	–	–	–	–	–	–
		T	3	1	1	1	1	–	–	–	–	–	–	–	–
A 135	ILL-DEFINED	M	115	30	17	68	26	1	30	4	1	2	3	–	1
		F	112	34	18	60	26	–	26	2	2	3	1	–	–
		T	227	64	35	128	52	1	56	6	3	5	4	–	1
	TOTAL (A130-A135).	**M**	**210**	**52**	**42**	**116**	**40**	**2**	**54**	**6**	**3**	**4**	**5**	**–**	**2**
		F	**169**	**46**	**30**	**93**	**31**	**–**	**48**	**3**	**2**	**7**	**2**	**–**	**–**
		T	**379**	**98**	**72**	**209**	**71**	**2**	**102**	**9**	**5**	**11**	**7**	**–**	**2**

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
	XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.														
A 136	SENILITY WITHOUT PSYCHOSIS	M	33	[illegible]	2	23	4	6	13	–	–	–	–	–	–
		F	15	3	1	11	3	2	6	–	–	–	–	–	–
		T	48	11	3	34	7	8	19	–	–	–	–	–	–
A 137	ILL-DEFINED AND UNKNOWN ...	M	142	21	4	117	107	3	6	–	–	–	–	1	–
		F	72	6	5	61	55	1	2	–	1	1	–	–	1
		T	214	27	9	178	162	4	8	–	1	1	–	1	1
	TOTAL (A136, A137).	**M**	**175**	**29**	**6**	**140**	**111**	[illegible]	**19**	**–**	**–**	**–**	**–**	**1**	**–**
		F	**87**	**9**	[illegible]	**72**	**58**	**3**	**8**	**–**	**1**	**1**	**–**	**–**	**1**
		T	**262**	**38**	**12**	**212**	**169**	**12**	**27**	**–**	**1**	**1**	**–**	**1**	**1**
	XVII. ACCIDENTS, POISONINGS AND VIOLENCE.														
	EXVII. EXTERNAL CAUSE.														
AE 138	MOTOR VEHICLE ACCIDENTS.														
	A TRAFFIC (810-825)	M	298	123	51	124	57	3	44	1	6	5	6	1	1
		F	120	42	19	59	27	–	21	1	4	2	1	1	2
		T	418	165	70	183	84	3	65	2	10	7	7	2	3
	B NON-TRAFFIC	M	10	7	2	1	–	–	–	–	–	–	–	1	–
		F	1	1	–	–	–	–	–	–	–	–	–	–	–
		T	11	8	2	1	–	–	–	–	–	–	–	1	–
	TOTAL (AE138).	M	308	130	53	125	57	3	44	1	6	5	6	2	1
		F	121	43	19	59	27	–	21	1	4	2	1	1	2
		T	429	173	72	184	84	3	65	2	10	7	7	3	3
AE 139	OTHER TRANSPORT ACCIDENTS.														
	A DROWNINGS INVOLVING SMALL BOATS (850)	M	7	2	1	4	1	–	1	–	–	–	–	2	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	7	2	1	4	1	–	1	–	–	–	–	2	–
	B DROWNINGS INVOLVING OTHER WATERCRAFT (851)	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
	C OTHER TRANSPORT	M	21	7	4	10	8	1	1	–	–	–	–	–	–
		F	2	1	–	1	–	–	1	–	–	–	–	–	–
		T	23	[illegible]	4	11	8	1	2	–	–	–	–	–	–
	TOTAL (AE139).	M	28	9	5	14	9	1	2	–	–	–	–	2	–
		F	2	1	–	1	–	–	1	–	–	–	–	–	–
		T	30	10	5	15	9	1	3	–	–	–	–	2	–
AE 140	ACCIDENTAL POISONING	M	46	14	6	26	10	2	11	–	2	–	1	–	–
		F	21	4	4	13	6	–	6	–	–	1	–	–	–
		T	67	18	10	39	16	2	17	–	2	1	1	–	–
AE 141	ACCIDENTAL FALLS	M	63	19	1	43	13	2	23	–	1	4	–	–	–
		F	58	10	7	41	18	2	12	–	4	4	1	–	–
		T	121	29	8	84	31	4	35	–	5	8	1	–	–
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	35	18	3	14	7	1	4	–	1	–	–	–	1
		F	3	–	2	1	1	–	–	–	–	–	–	–	–
		T	38	18	5	15	8	1	4	–	1	–	–	–	1
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	33	15	8	10	2	–	7	–	–	1	–	–	–
		F	23	10	4	9	3	–	4	1	–	1	–	–	–
		T	56	25	12	19	5	–	11	1	–	2	–	–	–
AE 144	OTHER ACCIDENTAL BURNS	M	1	–	–	1	–	–	1	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	1	–	–	1	–	–	–	–	–	–
AE 145	ACCIDENT CAUSED BY FIREARM	M	12	6	3	3	2	–	–	–	–	–	1	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	12	6	3	3	2	–	–	–	–	–	1	–	–
AE 146	ACCIDENTAL DROWNING	M	32	12	8	12	5	–	7	–	–	–	–	–	–
		F	7	–	2	5	3	–	1	1	–	–	–	–	–
		T	39	12	10	17	8	–	8	1	–	–	–	–	–

TABLE 5

CAUSE OF DEATH BY SEX, RURAL AND URBAN AND FOR URBAN PLACES OF 5,000 POPULATION AND OVER IN ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST ▪ (SEVENTH REVISION)		TOTAL	RURAL TOTAL	1,000 TO 4,999	5,000 AND OVER	Calgary	Camrose	Edmonton	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	St. Albert	Wetaskiwin
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	73	34	9	30	10	-	19	-	1	-	-	-	-
		F	21	6	3	12	4	-	7	-	1	-	-	-	-
		T	94	40	12	42	14	-	26	-	2	-	-	-	-
	TOTAL (AE138-AE147).	M	631	257	96	278	115	9	118	1	11	10	8	4	2
		F	256	74	41	141	62	2	52	3	9	8	2	1	2
		T	887	331	137	419	177	11	170	4	20	18	10	5	4
AE 148	SUICIDE	M	119	42	13	64	26	-	32	3	1	1	-	1	-
		F	36	5	7	24	8	-	12	-	2	1	-	-	1
		T	155	47	20	88	34	-	44	3	3	2	-	1	1
AE 149	HOMICIDE	M	12	2	-	10	4	-	6	-	-	-	-	-	-
		F	10	5	1	4	1	-	3	-	-	-	-	-	-
		T	22	7	1	14	5	-	9	-	-	-	-	-	-
AE 150	WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (AE138-AE150).	**M**	**762**	**301**	**109**	**352**	**145**	**9**	**156**	**4**	**12**	**11**	**8**	**5**	**2**
		F	**302**	**84**	**49**	**169**	**71**	**2**	**67**	**3**	**11**	**9**	**2**	**1**	**3**
		T	**1064**	**385**	**158**	**521**	**216**	**11**	**223**	**7**	**23**	**20**	**10**	**6**	**5**
	NXVII. NATURE OF INJURY.														
AN 138	FRACTURE OF SKULL	M	134	52	20	62	27	2	19	1	3	6	4	-	-
		F	44	12	9	23	12	-	5	-	1	2	1	-	2
		T	178	64	29	85	39	2	24	1	4	8	5	-	2
AN 139	FRACTURE OF SPINE AND TRUNK	M	41	25	5	11	6	-	3	-	1	-	-	-	1
		F	12	8	3	1	1	-	-	-	-	-	-	-	-
		T	53	33	8	12	7	-	3	-	1	-	-	-	1
AN 140	FRACTURE OF LIMBS	M	25	8	2	15	3	2	10	-	-	-	-	-	-
		F	47	5	4	38	15	2	10	-	6	4	1	-	-
		T	72	13	6	53	18	4	20	-	6	4	1	-	-
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142	SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143	OTHER HEAD INJURY	M	96	40	13	43	19	-	18	1	1	2	2	-	-
		F	27	14	2	11	7	-	3	-	1	-	-	-	-
		T	123	54	15	54	26	-	21	1	2	2	2	-	-
AN 144	INTERNAL INJURY	M	229	88	35	106	51	2	44	-	4	1	1	2	1
		F	62	16	11	35	13	-	18	1	2	-	-	1	-
		T	291	104	46	141	64	2	62	1	6	1	1	3	1
AN 145	OPEN WOUNDS	M	14	5	2	7	2	-	5	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-	-	-	-
		T	16	7	2	7	2	-	5	-	-	-	-	-	-
AN 146	SUPERFICIAL INJURY OR ..... CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 147	FOREIGN BODY THROUGH ...... ORIFICE	M	14	6	-	8	1	-	7	-	-	-	-	-	-
		F	14	5	2	7	3	-	4	-	-	-	-	-	-
		T	28	11	2	15	4	-	11	-	-	-	-	-	-
AN 148	BURNS	M	37	16	9	12	2	1	7	-	1	1	-	-	-
		F	20	10	4	6	1	-	3	1	-	1	-	-	-
		T	57	26	13	18	3	1	10	1	1	2	-	-	-
AN 149	POISONINGS	M	74	18	8	48	20	2	21	1	2	-	1	1	-
		F	41	7	6	28	10	-	15	-	1	1	-	-	1
		T	115	25	14	76	30	2	36	1	3	1	1	1	1
AN 150	OTHER	M	98	43	15	40	14	-	22	1	-	1	-	2	-
		F	33	5	8	20	9	-	9	1	-	1	-	-	-
		T	131	48	23	60	23	-	31	2	-	2	-	2	-
	TOTAL (AN138-AN150).	**M**	**762**	**301**	**109**	**352**	**145**	**9**	**156**	**4**	**12**	**11**	**8**	**5**	**2**
		F	**302**	**84**	**49**	**169**	**71**	**2**	**67**	**3**	**11**	**9**	**2**	**1**	**3**
		T	**1064**	**385**	**158**	**521**	**216**	**11**	**223**	**7**	**23**	**20**	**10**	**6**	**5**
	ALL CAUSES.	**M**	**6101**	**1848**	**900**	**3353**	**1315**	**122**	**1365**	**45**	**186**	**160**	**101**	**25**	**34**
		F	**3862**	**870**	**648**	**2344**	**945**	**90**	**894**	**26**	**123**	**133**	**73**	**32**	**28**
		T	**9963**	**2718**	**1548**	**5697**	**2260**	**212**	**2259**	**71**	**309**	**293**	**174**	**57**	**62**

TABLE 6

DEATHS BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	[illegible] DAYS	TOTAL -1 YEAR-AN	AGE - AGE 1	2	3	4	5-9	10-14	15-19	20-24	AGE - AGE 25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
	I. INFECTIVE AND PARASITIC DISEASES.																												
	TUBERCULOSIS (A1-A5).																												
A	1 RESPIRATORY.																												
	A ACTIVE	M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	2	1	1	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-
		T	11	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	1	1	-	2	2	1	-
	B INACTIVE (002.2, 008.2) ..	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	1	2	-	-	-
	TOTAL (A1).	M	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	4	1	1	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	1	-	1	-	-
		T	18	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	2	2	2	1	4	2	1	-
A	2 MENINGES AND CENTRAL ...... NERVOUS SYSTEM	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A	3 INTESTINE, PERITONEUM AND MESENTERY	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
A	4 BONE AND JOINT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	5 OTHER FORMS	M	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-
	TOTAL (A1-A5).	M	17	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	2	1	1	1	1	4	2	1	-
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	1	-	2	-	-
		T	24	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	2	2	2	2	2	2	4	4	1	-
	SYPHILIS (A6-A10).																												
A	6 CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	7 EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	8 TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	9 GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	10 OTHERS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-
	TOTAL (A6-A10).	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-
A	11 GONOCOCCAL INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	12 TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	13 PARATYPHOID AND OTHER ..... SALMONELLA	M	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	14 CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	15 BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	16 DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	17 SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	18 STREPTOCOCCAL SORE THROAT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	19 ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	20 SEPTICAEMIA AND PYAEMIA ...	M	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-	1	-	-	1	-	-	-	-
A	21 DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	22 WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	23 MENINGOCOCCAL INFECTIONS ..	M	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	24 PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	25 LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	26 TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	27 ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	28 ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	29 ACUTE ENCEPHALITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
A	30 LATE EFFECTS OF POLIO- .... MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A	31 SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	32 MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	33 YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	34 INFECTIOUS HEPATITIS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
		F	4	-	-	-	-	1	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	-	-	-	-	1	-	1	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	-	-
A	35 RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	36 TYPHUS AND OTHER RICKETT- SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	37 MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	38 SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6

DEATHS BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

									AGE - AGE												AGE - AGE								
LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	[illegible]	-	-	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	2	-	-	2	-	-
		F	5	-	-	-	-	1	[illegible]	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-
		T	13	-	-	2	2	1	[illegible]	-	-	1	-	-	-	-	2	-	-	-	1	-	-	2	-	1	2	-	-
	TOTAL (A1-A43).	M	36	-	-	3	3	[illegible]	-	-	-	1	-	1	-	-	1	-	1	3	[illegible]	2	2	4	1	4	6	2	-
		F	25	-	-	1	1	3	2	1	-	2	1	-	-	[illegible]	2	2	1	-	-	1	1	2	2	1	2	-	-
		T	61	-	-	4	4	[illegible]	[illegible]	[illegible]	-	3	1	1	-	1	3	2	2	3	[illegible]	3	3	6	3	5	8	2	-
	II. NEOPLASMS.																												
	MALIGNANT NEOPLASMS (A44-A59).																												
A 44	BUCCAL CAVITY AND PHARYNX	M	16	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	4	2	2	-	2	2	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	2	-	-	-	-
		T	21	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	2	4	[illegible]	2	1	4	2	-	-	-
A 45	OESOPHAGUS	M	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	2	2	1	2	5	1	5	1	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-
		T	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	[illegible]	3	2	2	5	1	6	1	-	-
A 46	STOMACH	M	136	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	2	13	12	18	17	20	23	18	7	-
		F	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	5	4	3	5	10	10	4	-
		T	184	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	4	15	17	22	20	25	33	28	11	-
A 47	INTESTINE, EXCEPT RECTUM ..	M	84	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	1	3	6	7	11	11	17	12	8	-
		F	98	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	4	7	3	[illegible]	7	14	13	16	11	12	-
		T	182	-	-	-	-	-	-	-	-	-	-	-	1	-	3	4	6	[illegible]	6	15	14	25	24	33	23	20	-
A 48	RECTUM	M	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	7	7	5	11	6	4	-
		F	36	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	2	4	5	2	8	-	4	4	3	-
		T	86	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	2	7	11	9	15	5	15	10	7	-
A 49	LARYNX	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	1	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	1	1	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	202	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	[illegible]	10	15	25	22	36	29	30	19	5	-
		F	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	5	2	3	3	3	2	2	4	3	-
		T	233	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	11	15	19	28	25	39	31	32	23	8	-
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	163	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	11	18	32	18	18	19	12	14	5	7	-
		T	153	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	11	18	32	18	18	19	12	14	5	7	-
A 52	CERVIX UTERI	F	33	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	1	1	4	[illegible]	1	4	4	1	2	1	-
A 53	UTERUS, OTHER PARTS	F	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	1	3	3	2	3	2	-
A 54	PROSTATE	M	116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	7	6	9	38	32	18	-
A 55	SKIN	M	14	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	1	1	2	1	1	2	2	-
		F	18	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-	2	1	3	-	-	2	2	1	3	1	-
		T	32	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	[illegible]	2	3	1	[illegible]	4	3	2	5	3	-
A 56	BONE AND CONNECTIVE TISSUE	M	8	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	-	1	1	-	-	-	1	-	1	-	-
		F	[illegible]	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-
		T	14	-	-	-	-	-	-	-	-	1	[illegible]	1	-	1	1	2	-	[illegible]	1	-	1	-	2	-	1	-	-
A 57	OTHER AND UNSPECIFIED SITES.																												
A	DIGESTIVE ORGANS .... (155-159)	M	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	2	[illegible]	5	10	11	25	18	16	15	[illegible]	-
		F	79	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	3	4	3	7	6	7	13	11	17	5	-
		T	193	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	5	6	8	17	17	32	31	27	32	13	-
B	RESPIRATORY ORGANS .... (160, 164, 165)	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
C	URINARY ORGANS .... (180, 181)	M	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	10	7	12	7	10	5	7	-
		F	25	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	2	1	2	2	5	4	4	2	-
		T	87	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	1	3	11	9	14	13	14	10	9	-
D	BRAIN AND NERVOUS SYSTEM (193)	M	36	-	-	-	-	-	-	-	-	4	-	1	-	-	[illegible]	-	1	3	3	5	7	2	4	3	-	-	-
		F	23	-	-	1	1	1	1	-	-	-	-	1	-	2	-	2	-	3	5	2	-	3	1	1	-	-	-
		T	59	-	-	[illegible]	1	1	1	-	-	4	-	2	-	2	3	[illegible]	1	6	8	7	7	5	5	4	-	-	-
E	OTHER	M	59	-	-	-	-	-	-	-	1	-	-	-	-	1	1	2	1	5	4	6	7	5	8	5	6	6	-
		F	139	-	-	-	-	-	-	1	-	-	-	2	-	1	1	4	13	9	12	10	19	15	14	14	13	10	-
		T	198	-	-	-	-	-	-	1	1	-	-	2	-	2	2	5	14	14	15	15	25	22	22	19	19	16	-
	TOTAL (A57).	M	272	-	-	-	-	-	-	-	1	4	-	1	-	1	4	4	5	11	13	31	32	45	37	35	27	21	-
		F	257	-	-	1	1	1	1	1	1	-	-	3	-	6	2	7	16	16	22	20	27	28	34	30	34	17	-
		T	539	-	-	1	[illegible]	1	1	1	2	4	-	4	-	7	5	11	21	27	35	51	59	73	71	55	61	38	-
A 58	LEUKAEMIA AND ALEUKAEMIA ..	M	52	-	-	-	-	1	1	[illegible]	2	5	[illegible]	-	3	1	1	2	-	2	[illegible]	4	2	5	2	[illegible]	12	4	-
		F	38	-	-	-	-	1	3	-	-	3	-	-	[illegible]	1	-	-	3	3	2	3	-	2	5	4	3	4	-
		T	100	-	-	-	-	2	4	2	[illegible]	8	2	-	4	[illegible]	1	2	3	5	4	7	2	7	7	13	15	[illegible]	-
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.																												
A	HODGKIN S (201)	M	21	-	-	-	-	-	-	-	-	[illegible]	-	2	4	-	3	1	1	3	1	1	3	-	-	-	-	-	-
		F	12	-	-	-	-	-	-	-	-	-	-	2	-	-	1	1	-	-	-	4	-	2	1	-	1	-	-
		T	33	-	-	-	-	-	-	-	-	[illegible]	-	4	4	-	4	2	1	3	1	5	3	2	1	-	1	-	-
B	OTHER	M	37	-	-	-	-	-	-	-	1	3	-	1	-	-	-	3	-	[illegible]	3	9	3	5	5	-	1	2	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	1	1	-	-	1	3	-	2	5	2	2	4	4	2	-	1	-
		T	65	-	-	-	-	-	-	-	1	3	1	2	-	-	1	6	-	3	8	11	5	9	9	2	1	3	-
	TOTAL (A59).	M	58	-	-	-	-	-	-	-	[illegible]	[illegible]	-	[illegible]	4	-	3	4	1	4	4	10	5	5	5	-	1	2	-
		F	40	-	-	-	-	-	-	-	-	-	1	3	-	-	2	4	-	2	5	5	2	5	5	2	1	1	-
		T	98	-	-	-	-	-	-	-	1	5	1	6	4	-	5	[illegible]	1	6	9	16	8	11	10	2	2	3	-
	TOTAL (A44-A59).	M	1,042	-	-	-	-	1	1	2	4	14	2	5	[illegible]	4	13	17	24	35	63	103	106	140	125	171	132	71	-
		F	808	-	-	1	1	2	4	1	1	4	3	6	2	11	8	25	45	58	82	83	66	94	88	87	80	56	-
		T	1,850	-	-	1	1	3	5	3	5	8	5	11	11	15	21	42	70	93	145	186	172	234	213	258	212	127	-
A 60	BENIGN AND UNSPECIFIED	M	14	-	-	-	-	-	-	-	-	2	-	1	-	-	1	1	1	2	2	1	-	-	1	1	-	1	-
		F	14	-	-	-	-	-	-	-	1	-	-	-	2	-	1	-	1	1	1	1	-	-	4	1	-	1	-
		T	28	-	-	-	-	-	-	-	1	2	-	1	2	-	2	1	2	3	3	2	-	-	5	2	-	2	-
	TOTAL (A44-A60).	M	1,056	-	-	-	-	1	1	2	4	16	2	6	9	4	14	18	25	37	65	104	106	140	126	172	132	72	-
		F	822	-	-	1	1	2	4	1	2	4	3	6	4	11	9	25	47	59	83	84	66	94	92	88	80	57	-
		T	1,878	-	-	1	1	3	[illegible]	[illegible]	6	20	5	12	13	15	23	43	72	96	148	188	172	234	218	260	212	129	-
	III, IV. ALLERGIC, ENDOCRINE, METABOLIC AND BLOOD DISEASES.																												
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	100	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	2	1	-	3	6	7	11	15	13	25	13	-
		F	104	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	5	1	6	8	10	12	17	20	21	-
		T	204	-	-	-	-	-	-	-	-	-	-	-	1	3	1	3	2	5	4	12	15	21	28	30	45	34	-
A 64	NUTRITIONAL DEFICIENCY .... STATES	M	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
A 65	ANAEMIAS	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	2	-
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	1	1	1	-
		T	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	1	1	-	1	1	2	3	-
A 66	OTHER	M	29	-	1	1	2	-	-	-	-	-	1	-	2	-	-	-	1	-	1	4	3	4	3	5	3	-	-
		F	34	-	1	-	1	-	-	-	-	-	-	-	-	-	1	2	-	3	2	2	6	3	4	5	2	3	-
		T	63	-	2	1	3	-	-	-	-	-	1	-	2	-	1	2	1	3	3	5	9	7	7	10	5	3	-
	TOTAL (A61-A66).	M	137	-	1	1	2	-	-	1	-	-	1	-	2	2	1	2	3	1	4	11	10	15	20	18	29	15	-
		F	147	-	1	-	1	-	-	-	-	-	-	-	1	1	1	3	1	9	4	9	15	13	17	23	24	25	-
		T	284	-	2	1	3	-	-	1	-	-	1	-	3	3	2	5	4	10	8	20	25	28	37	41	53	40	-
	V. MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS.																												
A 67	PSYCHOSES	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-

TABLE 6

DEATHS BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN	AGE - AGE				AGE - AGE																	
								1	2	[illegible]	[illegible]	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	3	[illegible]	-	1	1	1	1	-	-
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	-	-	1	-	-	-
		T	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	7	2	-	1	1	2	1	-	-
A 69	MENTAL DEFICIENCY	M	2	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	[illegible]	-	-	[illegible]	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A67-A69).	M	18	-	-	2	2	-	-	-	-	-	-	-	-	-	-	1	3	2	[illegible]	2	1	1	1	1	1	-	-
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	-	-	1	-	-	-
		T	25	-	-	2	[illegible]	-	-	-	-	-	-	-	-	-	-	1	3	4	7	2	1	1	1	2	1	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																												
A 70	CEREBROVASCULAR LESIONS	M	527	-	-	-	-	-	-	-	-	[illegible]	-	1	-	-	2	5	2	5	10	17	23	48	67	100	113	132	-
		F	503	-	-	-	-	-	-	-	-	1	-	-	1	2	1	3	9	8	10	18	14	42	62	87	112	133	-
		T	1,030	-	-	-	-	-	-	-	-	3	-	1	1	2	3	8	11	13	20	35	37	90	129	187	225	265	-
A 71	NON-MENINGOCOCCAL MENINGITIS	M	10	-	1	3	4	1	-	-	-	1	-	-	-	-	1	-	-	-	1	-	1	-	1	-	-	-	-
		F	4	-	1	1	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	14	-	2	[illegible]	6	1	-	-	-	1	-	-	1	-	1	1	-	-	1	-	1	-	1	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	2	2	2	3	1	-	-	-	-
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-	-	2	-	-	1	-	-	-	-	-
		T	23	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	-	3	4	2	2	4	1	-	-	-	-
A 73	EPILEPSY	M	14	-	-	1	1	-	2	-	-	-	-	-	1	3	1	1	1	1	-	1	-	-	1	-	1	-	-
		F	11	-	-	-	-	1	-	-	-	3	1	1	-	2	1	1	-	-	-	-	-	1	-	-	-	-	-
		T	25	-	-	1	1	1	2	-	-	3	1	1	1	5	2	2	1	1	-	1	-	1	1	-	1	-	-
A 74	INFLAMMATORY DISEASES OF THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND MASTOIDITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	1	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A 78	OTHER	M	36	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	1	2	-	3	3	4	6	7	4	4	-
		F	32	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-	-	1	-	-	6	3	2	2	7	7	2	-
		T	68	-	-	1	1	-	-	2	-	-	1	-	-	-	-	-	2	2	-	9	6	6	8	14	11	6	-
	TOTAL (A70-A78).	M	603	-	1	[illegible]	[illegible]	1	2	-	-	3	1	1	1	3	4	8	4	12	13	23	29	55	76	107	118	136	-
		F	559	-	1	2	3	1	-	2	-	4	1	1	2	5	3	8	10	8	12	24	17	46	64	94	119	135	-
		T	1,162	-	2	7	9	2	2	2	-	7	[illegible]	2	3	8	7	16	14	20	25	47	46	101	140	201	237	271	-
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																												
	HEART DISEASE (A79-A83).																												
A 79	RHEUMATIC FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 80	CHRONIC RHEUMATIC	M	40	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	3	3	3	9	3	4	5	2	-	-
		F	46	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	2	5	10	6	5	5	5	2	-	2	-
		T	86	-	-	-	-	-	-	-	-	-	-	1	-	1	3	4	5	8	13	9	14	8	9	7	2	2	-
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	1,856	-	-	-	-	-	-	-	-	-	-	-	2	2	5	16	39	60	103	136	201	202	263	313	285	239	-
		F	897	-	-	-	-	-	-	-	-	-	-	-	2	-	1	2	6	10	15	34	51	76	139	151	192	207	-
		T	2,753	-	-	-	-	-	-	-	-	-	-	-	4	2	6	[illegible]	45	70	119	170	252	278	402	464	477	446	-
A 82	OTHER	M	121	-	-	1	1	-	-	-	-	-	-	-	-	-	1	2	1	4	5	2	8	7	5	19	30	35	-
		F	51	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	3	-	5	8	2	8	15	17	-
		T	182	-	-	1	1	-	-	1	-	-	-	-	-	-	1	3	2	4	[illegible]	2	13	15	7	27	45	52	-
A 83	HYPERTENSIVE	M	40	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	2	3	4	5	9	4	9	-
		F	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	5	9	11	9	9	-
		T	87	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	4	4	10	14	20	13	18	-
	TOTAL (A79-A83).	M	2,057	-	-	1	1	-	-	-	-	-	-	-	2	2	11	20	43	67	114	143	221	216	277	346	321	283	-
		F	1,041	-	-	-	-	-	-	1	-	-	-	1	2	1	1	5	9	15	29	42	62	95	155	172	216	235	-
		T	3,108	-	-	1	1	-	-	1	-	-	-	1	4	3	12	25	52	82	143	195	283	311	432	518	537	518	-
A 84	HYPERTENSION	M	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	[illegible]	1	2	1	-	2	10	8	-
		F	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	3	6	1	3	5	-
		T	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	4	1	2	4	6	3	13	13	-
A 85	ARTERIAL DISEASES	M	142	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	7	9	18	21	41	42	-
		F	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	1	3	4	5	9	19	54	-
		T	241	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	2	1	2	10	13	23	30	60	96	-
A 86	OTHER	M	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	4	7	8	3	5	3	8	-
		F	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	2	7	3	1	6	2	-
		T	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	5	9	15	6	6	9	10	-
	TOTAL (A79-A86).	M	2,277	-	-	1	1	-	-	-	-	-	-	-	2	3	11	20	46	68	118	149	237	234	298	374	375	341	-
		F	1,186	-	-	-	-	-	-	[illegible]	-	-	-	1	2	1	1	7	10	20	31	44	67	109	169	183	244	296	-
		T	3,463	-	-	1	1	-	-	[illegible]	-	-	-	1	4	4	12	27	56	88	149	193	304	343	467	557	619	637	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																												
A 87	ACUTE UPPER RESPIRATORY	M	3	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	1	-	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		T	5	-	1	-	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
A 88	INFLUENZA	M	28	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	3	5	8	9	-
		F	26	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	1	-	3	2	8	8	-
		T	54	-	1	1	2	-	-	-	-	-	-	-	-	2	-	-	2	-	-	1	1	-	6	7	16	17	-
	PNEUMONIA (A89-A91).																												
A 89	LOBAR	M	26	-	-	3	3	-	-	-	-	-	-	-	-	-	2	1	-	1	-	[illegible]	2	2	-	4	4	5	-
		F	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-
		T	31	-	-	4	4	-	-	-	-	-	-	-	-	-	2	1	-	1	-	2	2	2	1	5	4	7	-
A 90	BRONCHO	M	125	-	-	9	[illegible]	4	-	-	-	1	-	-	1	-	-	1	1	-	1	2	4	6	11	20	30	34	-
		F	118	-	-	5	5	-	3	-	-	-	-	1	1	-	1	-	-	1	1	3	4	1	5	13	26	53	-
		T	243	-	-	14	14	4	3	-	-	1	-	1	2	-	1	1	1	1	2	5	8	7	16	33	56	87	-
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	75	-	-	14	14	-	-	-	-	1	-	-	1	-	-	-	-	-	-	7	2	6	9	5	12	18	-
		F	61	-	-	10	10	2	-	1	-	-	1	-	-	-	-	2	-	-	1	2	-	2	1	6	11	22	-
		T	136	-	-	24	24	2	-	1	-	1	1	-	1	-	-	2	-	-	1	9	2	8	10	11	23	40	-
	TOTAL (A89-A91).	M	226	-	-	26	26	4	-	-	-	[illegible]	-	-	2	-	2	2	1	1	1	11	8	14	20	29	46	57	-
		F	184	-	-	16	16	2	3	1	-	-	1	1	1	-	1	2	-	1	2	5	4	3	7	20	37	77	-
		T	410	-	-	42	42	6	3	1	-	2	[illegible]	1	3	-	3	4	1	2	[illegible]	16	12	17	27	49	83	134	-
	BRONCHITIS (A92, A93).																												
A 92	ACUTE	M	3	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	4	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-
A 93	CHRONIC AND UNQUALIFIED	M	93	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	2	2	2	7	18	22	20	17	-
		F	17	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	2	2	4	4	-
		T	110	-	-	2	2	1	-	-	-	-	-	-	1	-	-	-	1	-	3	4	2	7	20	24	24	21	-
	TOTAL (A92, A93).	M	96	-	-	-	-	1	1	1	-	-	-	-	1	-	-	-	1	-	2	2	2	7	18	22	20	18	-
		F	18	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	[illegible]	-	-	3	2	4	4	-
		T	114	-	-	2	2	1	1	1	-	-	-	-	1	-	-	-	1	-	3	4	2	7	21	24	24	22	-
A 94	TONSILS AND ADENOIDS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 95	EMPYEMA AND LUNG ABSCESS	M	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	2	-	-	-	-	-
A 96	PLEURISY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 97	OTHER	M	103	-	-	3	3	1	-	-	-	-	-	-	-	-	2	2	1	2	4	2	8	16	16	20	14	12	-
		F	34	-	-	1	1	1	-	-	-	-	-	-	-	-	-	1	1	-	2	3	1	3	4	4	4	9	-
		T	137	-	-	4	4	2	-	-	-	-	-	-	-	-	2	3	2	2	5	5	9	19	20	24	18	21	-
	TOTAL (A87-A97).	M	460	-	1	29	30	8	2	1	-	2	-	-	4	1	4	4	4	3	7	15	20	38	57	76	[illegible]	96	-
		F	266	-	1	20	21	3	3	1	-	-	1	1	1	2	1	3	2	1	[illegible]	12	6	7	17	28	53	98	-
		T	726	-	2	49	51	11	5	2	-	2	[illegible]	1	5	3	5	7	6	4	12	27	26	45	74	104	141	194	-
	IX. DISEASES OF THE DIGESTIVE SYSTEM.																												
A 98	DISEASES OF THE TEETH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
A 99	ULCER OF THE STOMACH	M	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	2	2	3	4	1	-
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	2	1	-
		T	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	2	4	3	3	6	2	-
A 100	ULCER OF THE DUODENUM	M	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	6	3	1	2	5	2	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	-	1	1	-
		T	29	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	6	4	3	2	6	3	-

TABLE 6

DEATHS BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

								AGE - AGE											AGE - AGE									
LIST A NO. CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 101 GASTRITIS AND DUODENITIS ..	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	1	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	1	-	-	-	-	-
A 102 APPENDICITIS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-
	F	4	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	T	7	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	1	-	2	-	-	1	-	-	-	-	-
A 103 INTESTINAL OBSTRUCTION AND HERNIA	M	24	1	-	1	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	3	3	4	3	6	-
	F	20	2	1	-	3	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	4	-	2	2	5	-
	T	44	3	1	1	5	-	-	-	-	-	-	-	-	-	2	-	-	2	1	2	-	7	3	6	5	11	-
A 104 GASTRO-ENTERITIS AND ...... COLITIS	M	18	-	-	4	4	-	-	-	-	1	-	-	-	1	-	-	-	[illegible]	-	-	-	1	2	1	5	2	-
	F	24	-	-	3	3	[illegible]	-	-	-	-	-	1	-	-	-	1	-	-	1	2	1	2	2	1	4	5	-
	T	42	-	-	7	7	1	-	-	-	1	-	1	-	1	-	1	-	1	1	[illegible]	1	3	4	2	9	7	-
A 105 CIRRHOSIS OF LIVER	M	50	-	-	-	-	-	-	-	-	-	1	-	-	-	-	3	4	7	3	9	6	4	3	4	3	3	-
	F	33	-	-	-	-	-	-	-	-	-	-	1	-	2	-	3	3	6	5	6	-	2	1	1	-	2	-
	T	83	-	-	-	-	-	-	-	-	-	1	1	-	2	-	6	7	13	9	15	6	6	4	5	3	5	-
A 106 CHOLELITHIASIS AND CHOLECY-STITIS	M	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	2	3	4	4	-
	F	32	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	1	[illegible]	1	2	7	9	7	-
	T	51	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	1	2	3	3	4	10	13	11	-
A 107 OTHER	M	43	1	-	2	3	-	-	-	-	1	-	2	-	1	-	2	4	1	2	1	3	4	8	5	5	1	-
	F	35	1	-	-	1	-	-	-	-	-	-	2	-	1	1	1	1	1	-	3	3	[illegible]	3	4	3	9	-
	T	78	2	-	2	4	-	-	-	-	1	-	4	-	2	1	3	5	2	2	4	6	6	11	9	8	10	-
TOTAL (A98-A107).	M	200	2	-	7	9	-	-	-	-	2	1	2	-	2	1	7	10	13	10	14	17	21	21	22	29	19	-
	F	152	3	1	3	7	1	-	-	[illegible]	1	-	4	1	4	4	5	5	10	[illegible]	13	7	14	11	15	21	30	-
	T	352	[illegible]	1	10	16	1	-	-	1	3	1	6	[illegible]	6	5	12	15	23	18	27	24	35	32	37	50	49	-
X. DISEASES OF THE GENITO-URINARY SYSTEM.																												
A 108 ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 109 CHRONIC AND OTHER NEPHRITIS	M	17	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	3	3	1	1	3	4	-	-
	F	24	-	1	-	1	-	-	-	-	-	2	-	1	2	-	1	1	1	1	1	3	2	3	2	2	1	-
	T	41	-	1	-	1	-	-	-	-	-	2	-	1	2	1	1	1	2	1	4	6	3	4	5	6	1	-
A 110 INFECTIONS OF KIDNEY	M	15	-	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	1	2	-	3	-	5	-
	F	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	1	1	5	1	-
	T	27	-	-	1	1	-	-	-	-	1	-	-	-	-	-	1	1	-	3	-	2	2	1	4	5	6	-
A 111 CALCULI	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	1	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	1	-
A 112 HYPERPLASIA OF PROSTATE ...	M	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	7	6	7	-
A 113 BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114 OTHER	M	19	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	[illegible]	-	2	5	1	2	5	-
	F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	2	-	-	-	-	-	2	-
	T	27	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	2	-	1	3	-	2	5	1	2	7	-
TOTAL (A108-A114).	M	78	-	-	1	1	-	-	-	-	1	-	[illegible]	-	-	[illegible]	-	-	2	3	4	4	[illegible]	8	14	14	18	-
	F	45	-	1	-	1	-	-	-	-	-	3	-	2	2	1	2	[illegible]	[illegible]	2	3	4	2	4	3	7	4	-
	T	123	-	1	1	2	-	-	-	-	1	3	[illegible]	2	2	2	2	4	[illegible]	5	7	8	[illegible]	12	17	21	22	-
XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.																												
A 115 SEPSIS	F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
A 116 TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117 HAEMORRHAGE	F	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-
A 118 ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
A 119 ABORTION WITH SEPSIS	F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 120 OTHER	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
TOTAL (A115-A120).	F	8	-	-	-	-	-	-	-	-	-	-	-	1	2	[illegible]	3	1	-	-	-	-	-	-	-	-	-	-
XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																												
A 121 SKIN INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122 ARTHRITIS AND SPONDYLITIS	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	1	1	-
	F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	1	-	2	1	-
	T	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	2	1	3	-	3	2	-
A 123 RHEUMATISM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
A 124 OSTEOMYELITIS	M	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
A 125 ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	F	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	3	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
A 126 OTHER	M	8	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	1	1	-	-	-	-	-	2	1	-
	F	8	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	1	2	-	-	1	-	1	1	-	-
	T	16	-	-	1	1	-	-	-	-	-	-	2	-	-	-	2	-	2	3	-	-	1	-	1	3	1	-
TOTAL (A121-A126).	M	17	-	-	-	-	-	-	-	1	-	-	2	-	-	-	1	-	1	2	-	2	1	2	-	3	2	-
	F	19	-	-	1	1	-	-	-	-	-	1	-	-	1	-	1	-	2	2	2	1	1	1	1	4	1	-
	T	36	-	-	1	1	-	-	-	1	-	1	2	-	1	-	2	-	3	4	2	3	2	3	1	7	3	-
XIV. CONGENITAL MALFORMATIONS.																												
A 127 SPINA BIFIDA AND MENINGOCELE.																												
A WITHOUT HYDROCEPHALUS	M	5	1	2	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	5	-	2	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	10	1	4	4	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B WITH HYDROCEPHALUS	M	3	-	2	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	4	3	-	-	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	7	3	2	-	5	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL (A127).	M	8	1	4	2	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	9	3	2	2	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	17	4	6	4	14	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 128 CIRCULATORY SYSTEM	M	33	[illegible]	7	9	25	1	1	-	-	[illegible]	3	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	F	28	5	5	10	21	3	-	-	-	-	-	1	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-
	T	51	15	12	19	46	4	1	-	-	1	3	2	-	-	-	2	-	-	1	-	-	-	-	-	-	1	-
A 129 OTHER	M	31	16	4	5	25	-	-	-	-	[illegible]	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-
	F	21	9	-	7	16	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	T	52	25	4	12	41	-	1	1	-	3	1	-	-	-	-	-	1	-	2	1	-	1	-	-	-	-	-
TOTAL (A127-A129).	M	72	26	15	16	57	1	2	-	-	[illegible]	3	1	-	-	-	-	1	-	2	1	-	-	-	-	-	1	-
	F	58	18	7	19	44	4	1	1	-	2	1	1	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-
	T	130	44	22	35	101	5	3	1	-	5	4	2	-	-	-	2	1	-	3	1	-	1	-	-	-	1	-
XV. DISEASES OF EARLY INFANCY.																												
A 130 BIRTH INJURY	M	30	29	1	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	17	17	-	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	47	46	1	-	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 131 POSTNATAL ASPHYXIA AND .... ATELECTASIS	M	51	47	2	2	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	31	30	-	1	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	32	77	2	3	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 132 INFECTIONS OF NEWBORN	M	10	3	7	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	6	3	3	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	16	6	10	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 133 ERYTHROBLASTOSIS	M	3	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	4	4	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 134 OTHER DEFINED	M	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	2	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	3	2	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6

DEATHS BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST [illegible] (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN		AGE - AGE												AGE - AGE								
								1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-59	70-74	75-79	80-84	85	N.S.
[illegible] 135	ILL-DEFINED	M	115	103	3	[illegible]	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	112	96	2	14	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	227	199	[illegible]	23	227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A130-A135).	M	210	186	13	11	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	169	148	6	15	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	379	334	19	[illegible]	379	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.																												
[illegible] 136	SENILITY WITHOUT PSYCHOSIS	M	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	6	20	1
		F	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	10	-
		T	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	[illegible]	9	[illegible]	1
A 137	ILL-DEFINED AND UNKNOWN ...	M	142	-	-	-	-	1	-	-	-	-	-	-	1	-	-	3	5	[illegible]	10	[illegible]	18	22	12	23	13	20	-
		F	72	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	2	4	5	[illegible]	5	6	[illegible]	12	7	15	-
		T	214	-	-	-	-	[illegible]	-	-	-	-	-	-	2	-	-	[illegible]	7	10	15	16	23	28	17	35	20	35	-
	TOTAL (A136, A137).	M	175	-	-	-	-	[illegible]	-	-	-	-	-	-	1	-	-	3	5	6	10	8	18	22	13	28	19	40	1
		F	87	-	-	-	-	[illegible]	-	-	-	-	-	-	1	-	-	[illegible]	2	4	[illegible]	[illegible]	5	6	[illegible]	14	10	25	-
		T	262	-	-	-	-	[illegible]	-	-	-	-	-	-	2	-	-	[illegible]	7	10	15	16	23	28	18	42	29	65	1
	XVII. ACCIDENTS, POISONINGS AND VIOLENCE.																												
	EXVII. EXTERNAL CAUSE.																												
AE 138	MOTOR VEHICLE ACCIDENTS.																												
	A TRAFFIC (810-825)	M	298	-	-	2	2	3	-	-	3	7	7	54	54	28	29	20	12	14	11	11	12	11	4	10	6	-	-
		F	120	-	1	2	3	1	1	-	-	7	4	27	17	7	9	[illegible]	1	8	5	[illegible]	7	5	5	2	1	[illegible]	-
		T	418	-	1	4	5	4	1	-	3	14	11	81	71	35	38	24	13	22	15	16	19	16	9	12	7	[illegible]	-
	B NON-TRAFFIC	M	10	-	-	-	-	1	2	-	-	1	1	2	[illegible]	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	11	-	-	-	-	1	3	-	-	1	1	[illegible]	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
	TOTAL (AE138).	M	308	-	-	2	[illegible]	4	2	-	3	8	8	56	55	29	29	20	12	14	11	11	12	11	[illegible]	11	[illegible]	-	-
		F	121	-	1	2	3	1	2	-	-	7	4	27	17	7	[illegible]	4	[illegible]	8	5	5	7	5	5	2	1	1	-
		T	429	-	[illegible]	4	[illegible]	[illegible]	4	-	3	15	12	83	72	36	38	24	13	22	16	16	19	15	9	13	7	1	-
AE 139	OTHER TRANSPORT ACCIDENTS.																												
	A DROWNINGS INVOLVING SMALL BOATS (850)	M	7	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	[illegible]	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	2	-	-	1	-	-	-	-	-	-	-
	B DROWNINGS INVOLVING OTHER WATERCRAFT (851)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C OTHER TRANSPORT	M	21	-	-	-	-	-	1	-	-	-	1	-	-	[illegible]	-	2	3	6	3	2	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	23	-	-	-	-	-	1	-	-	-	1	1	-	3	-	2	3	7	3	2	-	-	-	-	-	-	-
	TOTAL (AE139).	M	28	-	-	-	-	-	[illegible]	-	-	-	2	-	[illegible]	[illegible]	1	2	[illegible]	[illegible]	3	[illegible]	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	30	-	-	-	-	-	1	-	-	-	2	[illegible]	2	3	1	[illegible]	3	7	[illegible]	3	-	-	-	-	-	-	-
AE 140	ACCIDENTAL POISONING	M	46	-	-	1	1	-	1	-	-	1	1	6	2	1	7	9	5	4	4	-	1	3	-	-	-	-	-
		F	21	-	-	-	-	-	-	-	-	1	-	1	2	-	4	3	2	2	1	2	1	-	1	-	1	-	-
		T	57	-	-	1	[illegible]	-	1	-	-	2	1	7	4	1	11	12	7	6	5	2	[illegible]	3	1	-	1	-	-
AE 141	ACCIDENTAL FALLS	M	53	-	-	1	1	-	-	-	1	1	1	4	2	1	[illegible]	3	3	[illegible]	[illegible]	4	3	7	[illegible]	4	3	13	-
		F	58	-	-	2	2	-	1	-	-	1	1	-	-	1	-	2	-	[illegible]	-	-	2	3	2	7	16	19	-
		T	121	-	-	[illegible]	3	-	1	-	[illegible]	2	2	4	2	2	2	5	3	4	4	4	5	10	5	11	19	32	-
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	35	-	-	-	-	-	2	-	-	-	[illegible]	1	4	1	5	[illegible]	2	2	3	3	2	[illegible]	-	-	2	-	-
		F	[illegible]	-	-	-	-	-	1	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		T	38	-	-	-	-	-	3	1	-	-	1	1	4	1	[illegible]	[illegible]	2	2	3	3	2	1	-	-	3	-	-
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	33	-	-	-	-	2	1	3	4	3	-	1	1	2	2	1	-	2	-	2	1	1	2	1	2	2	-
		F	23	-	-	-	-	3	1	-	2	2	-	1	3	-	-	1	-	-	1	2	2	1	-	-	2	2	-
		T	56	-	-	-	-	5	[illegible]	3	6	5	-	2	4	2	[illegible]	2	-	2	1	4	3	2	2	[illegible]	4	4	-
AE 144	OTHER ACCIDENTAL BURNS	M	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
AE 145	ACCIDENT CAUSED BY FIREARM	M	12	-	-	-	-	-	1	-	-	2	1	1	-	2	-	1	[illegible]	-	-	-	1	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	12	-	-	-	-	-	1	-	-	2	1	1	-	2	-	1	2	-	-	-	1	1	-	-	-	-	-
AE 146	ACCIDENTAL DROWNING	M	32	-	-	-	-	-	2	2	1	3	1	7	2	5	-	1	2	-	[illegible]	2	-	-	1	-	1	-	-
		F	7	-	-	-	-	-	1	[illegible]	-	3	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	39	-	-	-	-	-	3	3	1	6	1	[illegible]	2	5	-	1	2	-	2	2	-	1	1	-	1	-	-
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	73	[illegible]	1	15	17	3	1	-	1	-	[illegible]	6	5	5	1	5	4	8	1	1	-	3	4	4	1	-	-
		F	21	-	1	10	11	-	1	1	-	-	-	1	[illegible]	1	-	1	1	1	-	1	-	-	-	1	-	-	-
		T	94	1	[illegible]	25	28	3	2	1	1	-	[illegible]	7	6	6	1	6	5	9	1	2	-	3	4	5	1	-	-
	TOTAL (AE138-AE147).	M	631	1	1	19	21	[illegible]	11	5	10	18	18	82	73	49	47	48	35	37	23	25	20	27	14	20	15	15	-
		F	256	-	2	14	16	4	7	3	2	14	5	32	23	9	13	11	4	13	7	10	12	10	[illegible]	10	21	22	-
		T	897	1	3	33	37	13	18	[illegible]	12	32	23	114	96	58	60	59	40	52	35	36	32	37	22	30	36	37	-
AE 148	SUICIDE	M	119	-	-	-	-	-	-	-	-	-	3	10	19	6	10	12	14	11	[illegible]	13	5	2	1	3	3	-	-
		F	36	-	-	-	-	-	-	-	-	-	-	1	2	5	3	11	[illegible]	2	[illegible]	[illegible]	3	-	-	-	1	-	-
		T	155	-	-	-	-	-	-	-	-	-	3	11	21	11	13	23	19	13	7	15	9	[illegible]	1	3	4	-	-
AE 149	HOMICIDE	M	12	-	-	-	-	1	-	-	-	[illegible]	-	-	1	1	2	[illegible]	1	-	1	2	-	-	-	-	-	-	-
		F	10	-	-	-	-	-	-	-	-	-	-	1	-	1	2	3	3	-	-	-	-	-	-	-	-	-	-
		T	22	-	-	-	-	1	-	-	-	2	-	1	1	2	4	4	4	-	1	2	-	-	-	-	-	-	-
AE 150	WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (AE138-AE150).	M	752	1	1	19	21	10	11	5	10	20	21	92	93	56	59	61	51	50	35	41	26	29	15	23	18	15	-
		F	302	-	2	14	16	4	7	3	2	14	5	34	25	15	18	25	12	15	8	12	15	10	[illegible]	10	22	22	-
		T	1,064	1	[illegible]	33	37	14	[illegible]	8	12	34	26	126	118	71	77	86	63	65	43	53	41	39	23	33	40	37	-
	NXVII. NATURE OF INJURY.																												
AN 138	FRACTURE OF SKULL	M	134	-	-	2	2	[illegible]	5	-	-	1	3	16	23	11	11	9	10	10	9	[illegible]	1	6	3	3	2	-	-
		F	44	-	1	1	2	-	[illegible]	-	-	3	1	9	9	-	4	1	-	[illegible]	1	1	2	3	-	-	1	2	-
		T	178	-	[illegible]	[illegible]	4	3	7	-	-	4	4	25	32	11	15	10	10	13	10	7	3	9	3	3	3	2	-
AN 139	FRACTURE OF SPINE AND TRUNK	M	41	-	-	-	-	-	-	-	-	1	-	6	2	4	3	6	2	4	-	2	2	[illegible]	-	3	3	-	-
		F	12	-	-	-	-	-	-	-	-	1	-	2	1	-	2	-	-	2	-	1	1	-	[illegible]	-	-	-	-
		T	53	-	-	-	-	-	-	-	-	2	-	8	3	4	5	6	2	5	-	[illegible]	3	3	2	3	3	-	-
AN 140	FRACTURE OF LIMBS	M	25	-	-	-	-	-	-	-	-	-	-	1	[illegible]	-	-	2	-	1	1	-	-	-	3	3	1	11	-
		F	47	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	2	2	2	[illegible]	14	18	-
		T	72	-	-	-	-	-	-	-	-	-	-	[illegible]	3	-	-	2	-	1	1	1	2	2	5	9	15	29	-
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142	SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143	OTHER HEAD INJURY	M	96	-	-	1	1	1	-	-	2	3	5	15	18	4	5	6	4	4	5	5	4	5	1	5	1	-	-
		F	27	-	-	3	3	1	-	-	-	-	2	3	2	2	1	4	2	1	2	-	-	-	-	2	2	-	-
		T	123	-	-	4	4	2	-	-	2	3	7	18	20	6	[illegible]	10	5	5	8	6	4	5	1	7	3	-	-
AN 144	INTERNAL INJURY	M	229	-	-	-	-	2	1	-	[illegible]	8	3	33	34	21	19	17	15	26	10	14	12	8	3	[illegible]	5	2	-
		F	52	-	-	-	-	-	2	1	-	4	2	10	4	6	4	4	2	5	[illegible]	3	4	3	3	2	[illegible]	-	-
		T	281	-	-	-	-	2	3	1	2	12	5	43	38	27	23	21	17	21	12	17	16	11	5	6	5	2	-
AN 145	OPEN WOUNDS	M	14	-	-	-	-	-	-	-	-	-	-	-	1	3	2	2	2	1	1	2	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	16	-	-	-	-	-	-	-	-	-	-	1	1	3	3	2	2	1	1	[illegible]	-	-	-	-	-	-	-
AN 146	SUPERFICIAL INJURY OR ..... CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 147	FOREIGN BODY THROUGH ...... ORIFICE	M	14	-	-	5	5	1	-	-	1	-	-	1	-	-	1	2	2	-	-	-	-	1	-	-	-	-	-
		F	14	-	1	5	6	-	1	1	-	-	-	-	1	1	-	1	1	-	1	1	-	-	-	-	-	-	-
		T	28	-	[illegible]	10	11	1	1	1	1	-	-	[illegible]	1	[illegible]	1	3	3	-	1	1	-	1	-	-	-	-	-
AN 148	BURNS	M	37	-	-	-	-	2	1	3	4	3	1	1	1	2	3	2	1	-	2	1	2	1	1	2	2	2	-
		F	20	-	-	-	-	3	1	-	2	2	-	1	3	-	-	-	-	-	1	2	2	-	-	-	2	1	-
		T	57	-	-	-	-	5	2	3	6	5	1	2	4	2	3	2	1	-	3	3	4	1	1	[illegible]	4	3	-
AN 149	POISONINGS	M	74	-	-	1	1	-	1	-	-	1	1	[illegible]	5	[illegible]	10	12	9	8	4	4	3	3	-	-	-	-	-
		F	41	-	-	-	-	-	-	-	-	1	-	1	3	4	6	10	6	3	1	2	1	-	1	-	1	1	-
		T	115	-	-	1	1	-	1	-	-	[illegible]	[illegible]	10	8	7	15	22	15	11	5	5	4	3	1	-	1	1	-
AN 150	OTHER	M	98	1	1	10	12	1	[illegible]	[illegible]	1	3	8	10	7	8	5	3	5	5	2	6	2	2	4	3	4	-	-
		F	33	-	-	5	5	-	[illegible]	1	-	3	-	6	1	[illegible]	-	5	1	1	-	1	3	2	-	-	[illegible]	-	-
		T	131	1	1	15	17	1	4	3	1	6	8	16	8	10	[illegible]	8	7	7	2	7	5	4	4	3	5	-	-
	TOTAL (AN138-AN150).	M	762	1	1	19	21	10	11	5	10	20	21	92	93	56	59	61	51	50	35	41	26	29	15	23	18	15	-
		F	302	-	2	14	16	4	7	3	2	14	5	34	25	15	18	25	12	15	[illegible]	12	15	10	[illegible]	10	22	22	-
		T	1,064	1	3	33	37	14	18	[illegible]	12	34	26	126	118	71	77	[illegible]	63	65	43	53	41	39	23	33	40	37	-
	ALL CAUSES.	M	6,101	215	32	95	342	24	18	9	15	48	29	107	112	71	96	125	153	198	275	374	472	566	638	839	832	757	1
		F	3,862	169	20	76	265	19	17	10	5	27	16	48	40	45	41	87	95	131	165	212	204	305	390	461	586	693	-
		T	9,963	384	52	171	607	43	35	19	20	75	45	155	152	116	137	212	248	329	440	586	676	871	1,028	1,300	1,418	1,450	1

TABLE 7

DEATHS BY CAUSE AND SEX, BY AGE, EDMONTON, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
									AGE - AGE													AGE - AGE							
	I. INFECTIVE AND PARASITIC DISEASES.																												
	TUBERCULOSIS (A1-A5).																												
A	1 RESPIRATORY.																												
	A ACTIVE	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	1	-	-	-	-	-	-
	B INACTIVE (002.2, 008.2)	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-
	TOTAL (A1).	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	2	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	1	-	1	2	-	-	-
A	2 MENINGES AND CENTRAL NERVOUS SYSTEM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	3 INTESTINE, PERITONEUM AND MESENTERY	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
A	4 BONE AND JOINT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	5 OTHER FORMS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	TOTAL (A1-A5).	M	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	1	2	1	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	9	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	1	-	2	2	1	-	-
	SYPHILIS (A6-A10).																												
A	6 CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	7 EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	8 TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	9 GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	10 OTHERS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
	TOTAL (A6-A10).	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
A	11 GONOCOCCAL INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	12 TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	13 PARATYPHOID AND OTHER SALMONELLA	M	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	14 CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	15 BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	16 DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	17 SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	18 STREPTOCOCCAL SORE THROAT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	19 ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	20 SEPTICAEMIA AND PYAEMIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
A	21 DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	22 WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	23 MENINGOCOCCAL INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	24 PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	25 LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	26 TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	27 ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	28 ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	29 ACUTE ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	30 LATE EFFECTS OF POLIO-MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	31 SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	32 MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	33 YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	34 INFECTIOUS HEPATITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	35 RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	36 TYPHUS AND OTHER RICKETT-SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	37 MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	38 SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7

DEATHS BY CAUSE AND SEX, BY AGE, EDMONTON, 1968

									AGE - AGE													AGE - AGE							
LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	[illegible]	-	-	1	-	-
	TOTAL (A1-A43).	M	12	-	-	1	[illegible]	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	[illegible]	2	2	-	-
		F	6	-	-	-	-	1	-	-	-	-	1	-	-	[illegible]	-	-	1	-	-	-	-	[illegible]	1	-	-	-	-
		T	18	-	-	1	1	1	-	-	-	-	1	-	-	1	-	-	2	-	1	1	2	2	[illegible]	2	2	-	-
	II. NEOPLASMS.																												
	MALIGNANT NEOPLASMS (A44-A59).																												
A 44	BUCCAL CAVITY AND PHARYNX	M	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	1	-	-	-	-	-	-
A 45	OESOPHAGUS	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-	-	-	-	2	[illegible]	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	2	1	-	-
A 46	STOMACH	M	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	4	7	[illegible]	5	7	3	3	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	4	1	-	-
		T	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	6	8	6	6	11	4	3	-
A 47	INTESTINE, EXCEPT RECTUM	M	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-	2	2	6	3	2	4	1	-
		F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	2	3	-	1	2	4	4	3	-
		T	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	2	5	[illegible]	7	5	[illegible]	8	4	-
A 48	RECTUM	M	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	1	2	1	-	-	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-	2	-	2	-
		T	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	1	5	2	[illegible]	-	2	-
A 49	LARYNX	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	3	9	5	10	13	8	4	-	-
		F	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	1	2	-	1	1	-
		T	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	3	11	6	11	15	8	5	1	-
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	44	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	6	10	5	3	[illegible]	6	3	-	2	-
		T	44	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	[illegible]	10	5	3	[illegible]	6	3	-	2	-
A 52	CERVIX UTERI	F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	1	2	-	1	1	-	1	-	-
A 53	UTERUS, OTHER PARTS	F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	1	1	-	-	-	-
A 54	PROSTATE	M	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	[illegible]	2	8	[illegible]	5	-
A 55	SKIN	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	1	-	-	-	-	[illegible]	-	1	-
		T	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	-	-	-	-	2	-	1	-
A 56	BONE AND CONNECTIVE TISSUE	M	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
A 57	OTHER AND UNSPECIFIED SITES.																												
	A DIGESTIVE ORGANS (155-159)	M	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	3	4	4	[illegible]	2	-	-
		F	15	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	[illegible]	5	2	4	1	-
		T	37	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	1	3	5	[illegible]	8	6	1	-
	B RESPIRATORY ORGANS (160, 164, 165)	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-
	C URINARY ORGANS (180, 181)	M	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	4	1	6	-	1	2	1	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	3	-	2	-	-
		T	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	2	8	3	1	4	1	-
	D BRAIN AND NERVOUS SYSTEM (193)	M	10	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	-	2	2	1	1	-	-	-
		F	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
		T	13	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	2	1	-	2	2	1	2	-	-	-
	E OTHER	M	[illegible]	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-	-	1	-	-	1	-	2	2	1	-	-
		F	26	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	3	[illegible]	[illegible]	1	2	[illegible]	1	2	3	4	-
		T	34	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	3	2	3	1	3	3	3	4	4	4	-
	TOTAL (A57).	M	57	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	1	4	-	[illegible]	7	12	7	11	5	1	-
		F	53	-	-	-	-	1	-	-	-	-	-	1	-	1	-	2	4	1	4	2	3	6	9	5	9	5	-
		T	110	-	-	-	-	1	-	-	1	-	-	2	-	1	-	4	5	5	4	7	10	18	16	16	14	6	-
A 58	LEUKAEMIA AND ALEUKAEMIA	M	12	-	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	-	3	-	[illegible]	-	-	2	2	-
		F	15	-	-	-	-	-	1	-	-	1	-	-	1	1	-	-	2	1	2	1	-	-	1	1	1	2	-
		T	27	-	-	-	-	1	1	-	-	2	-	-	2	1	-	-	[illegible]	2	[illegible]	4	-	1	[illegible]	1	3	4	-
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.																												
	A HODGKIN S (201)	M	10	-	-	-	-	-	-	-	-	1	-	1	[illegible]	-	-	1	1	2	1	-	1	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
		T	12	-	-	-	-	-	-	-	-	1	-	1	2	-	1	1	[illegible]	2	1	-	[illegible]	-	-	-	1	-	-
	B OTHER	M	8	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-	1	2	-	-	2	-	-	-	-
		F	14	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	1	3	-	2	3	2	-	-	-	-
		T	22	-	-	-	-	-	-	-	1	-	1	2	-	-	1	1	-	1	4	2	2	3	4	-	-	-	-
	TOTAL (A59).	M	18	-	-	-	-	-	-	-	1	1	-	2	2	-	-	2	1	2	2	2	1	-	2	-	-	-	-
		F	16	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	1	3	-	2	3	2	-	1	-	-
		T	34	-	-	-	-	-	-	-	1	1	1	3	2	-	2	2	1	3	5	2	3	3	4	-	1	-	-
	TOTAL (A44-A59).	M	260	-	-	-	-	1	-	-	2	2	-	4	3	1	-	5	7	13	15	30	24	37	36	40	28	12	-
		F	204	-	-	-	-	1	1	-	-	1	2	2	1	3	4	8	10	16	24	21	11	20	25	20	18	16	-
		T	464	-	-	-	-	2	1	-	2	3	2	6	4	4	4	13	17	29	39	51	35	57	61	60	46	28	-
A 60	BENIGN AND UNSPECIFIED	M	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	-	1	[illegible]	-	-	-
	TOTAL (A44-A60).	M	264	-	-	-	-	1	-	-	[illegible]	2	-	5	3	1	-	5	8	13	15	31	24	37	36	41	28	12	-
		F	205	-	-	-	-	1	1	-	-	1	2	2	1	3	4	8	10	16	24	21	11	20	26	20	18	16	-
		T	469	-	-	-	-	2	1	-	2	3	2	7	4	4	4	13	18	29	39	52	35	57	62	61	46	28	-
	III, IV. ALLERGIC, ENDOCRINE, METABOLIC AND BLOOD DISEASES.																												
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	21	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	4	4	2	3	2	5	-
		F	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	1	1	3	3	3	4	4	-
		T	44	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	1	1	5	7	5	6	6	9	-
A 64	NUTRITIONAL DEFICIENCY STATES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 65	ANAEMIAS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
A 66	OTHER	M	7	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	[illegible]	2	1	1	-	-	-
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	3	-	-	1	1	-	-
		T	15	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	1	-	4	2	1	2	1	-	-
	TOTAL (A61-A66).	M	30	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	5	6	3	4	3	6	-
		F	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	[illegible]	3	2	1	4	3	3	4	5	4	-
		T	61	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	[illegible]	3	2	1	9	9	6	8	[illegible]	10	-
	V. MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS.																												
A 67	PSYCHOSES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7

DEATHS BY CAUSE AND SEX, BY AGE, EDMONTON, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS	7-27 DAYS	28 DAYS	TOTAL -1 YEAR-AN	AGE - [illegible]				AGE - AGE																	
								[illegible]	[illegible]	3	[illegible]	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A [illegible]	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	2	-	1	1	-	-	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-
		T	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	6	2	-	1	1	-	-	-	-
A 69	MENTAL DEFICIENCY	M	1	-	-	1	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A67-A69).	M	10	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	1	3	2	-	1	1	-	-	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-
		T	14	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	2	6	2	-	1	1	-	-	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																												
A 70	CEREBROVASCULAR LESIONS	M	105	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	1	-	3	3	4	12	12	14	22	30	-
		F	109	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	3	4	4	3	2	11	10	15	22	31	-
		T	214	-	-	-	-	-	-	-	-	1	-	-	1	2	2	2	4	4	7	6	6	23	22	29	44	61	-
A 71	NON-MENINGOCOCCAL MENINGITIS	M	3	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	1	-	-	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	1	-	-	-	-
A 73	EPILEPSY	M	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
A 74	INFLAMMATORY DISEASES OF THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND MASTOIDITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 78	OTHER	M	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	1	1	-
		F	10	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	4	3	-	-
		T	17	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	6	4	1	-
	TOTAL (A70-A78).	M	120	-	-	2	2	-	1	-	-	1	-	-	-	-	1	2	2	-	4	4	5	13	15	16	23	31	-
		F	125	-	-	[illegible]	1	-	-	1	-	1	-	1	1	2	2	1	3	4	5	4	2	11	11	19	25	31	-
		T	245	-	-	[illegible]	3	-	1	1	-	2	-	1	1	2	3	3	5	4	9	8	7	24	26	35	48	62	-
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																												
	HEART DISEASE (A79-A83).																												
A 79	RHEUMATIC FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 80	CHRONIC RHEUMATIC	M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	1	1	2	1	-	-	-
		F	12	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	3	1	1	2	-	-	1	-
		T	20	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	2	1	3	2	2	4	1	-	1	-
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	427	-	-	-	-	-	-	-	-	-	-	-	1	1	4	4	17	17	31	28	47	50	53	62	60	52	-
		F	216	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	8	[illegible]	10	19	35	35	43	55	-
		T	643	-	-	-	-	-	-	-	-	-	-	-	2	1	5	4	17	18	39	36	57	69	88	97	103	107	-
A 82	OTHER	M	22	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	1	2	1	9	5	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	3	-	2	-	4	-
		T	32	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-	4	2	3	9	9	-
A 83	HYPERTENSIVE	M	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-	2	2	1	1	1	-
		F	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	5	3	2	-
		T	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3	5	6	4	3	-
	TOTAL (A79-A83).	M	466	-	-	1	1	-	-	-	-	-	-	-	1	1	4	5	19	19	33	29	48	54	59	65	70	58	-
		F	253	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	2	2	9	11	12	24	40	42	46	62	-
		T	719	-	-	1	1	-	-	-	-	-	-	-	2	2	5	5	21	21	42	40	60	78	99	107	116	120	-
A 84	HYPERTENSION	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	1	2	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-
		T	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	2	3	-
A 85	ARTERIAL DISEASES	M	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	4	4	10	7	-
		F	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	2	2	5	6	13	-
		T	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	[illegible]	2	5	6	9	16	20	-
A 86	OTHER	M	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	3	1	1	-
		F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	2	-	-
		T	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	2	3	3	1	-
	TOTAL (A79-A86).	M	512	-	-	1	1	-	-	-	-	-	-	-	1	1	4	5	19	19	35	30	52	59	64	72	82	68	-
		F	295	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	3	3	9	12	14	28	43	48	55	76	-
		T	807	-	-	1	1	-	-	-	-	-	-	-	2	2	5	6	22	22	44	42	66	87	107	120	137	144	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																												
A 87	ACUTE UPPER RESPIRATORY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 88	INFLUENZA	M	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	1	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	3	-	1	-
	PNEUMONIA (A89-A91).																												
A 89	LOBAR	M	4	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
		T	6	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	3	-
A [illegible]	BRONCHO	M	29	-	-	1	1	1	-	-	-	1	-	-	1	-	-	-	-	-	1	1	1	-	3	2	7	10	-
		F	14	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	3	2	6	-
		T	43	-	-	1	1	1	-	-	-	1	-	-	1	-	[illegible]	-	-	-	1	1	2	-	4	5	9	16	-
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	19	-	-	5	5	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-	3	2	2	4	-
		F	12	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	1	3	-
		T	31	-	-	9	9	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2	1	-	4	3	3	7	-
	TOTAL (A89-A91).	M	52	-	-	7	7	1	-	-	-	1	-	-	2	-	1	-	-	-	1	2	2	-	6	5	9	15	-
		F	28	-	-	4	4	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	2	4	3	11	-
		T	80	-	-	11	11	1	-	-	-	1	-	-	2	-	2	-	-	-	2	3	3	-	8	9	12	26	-
	BRONCHITIS (A92, A93).																												
A 92	ACUTE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 93	CHRONIC AND UNQUALIFIED	M	24	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	2	3	7	5	5	-
		F	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	1	-
		T	29	-	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	2	4	7	6	6	-
	TOTAL (A92, A93).	M	24	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	2	3	7	5	5	-
		F	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	1	-
		T	29	-	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	2	4	7	6	6	-
A 94	TONSILS AND ADENOIDS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 95	EMPYEMA AND LUNG ABSCESS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
A 96	PLEURISY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 97	OTHER	M	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	1	1	-	4	3	4	4	3	1	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	2	1	1	1	2	-
		T	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	3	-	4	5	5	5	4	3	-
	TOTAL (A87-A97).	M	105	-	-	7	7	1	-	-	-	1	-	-	3	1	1	1	1	1	2	2	[illegible]	6	13	18	17	22	-
		F	46	-	-	5	[illegible]	-	-	-	-	-	-	-	-	1	1	1	-	-	4	1	2	2	4	6	5	14	-
		T	151	-	-	12	12	[illegible]	-	-	-	1	-	-	3	2	2	2	1	1	6	3	10	8	17	24	22	36	-
	IX. DISEASES OF THE DIGESTIVE SYSTEM.																												
A 98	DISEASES OF THE TEETH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 99	ULCER OF THE STOMACH	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	-	-	2	-
A 100	ULCER OF THE DUODENUM	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	2	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	2	-	-

TABLE 7

DEATHS BY CAUSE AND SEX, BY AGE, EDMONTON, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	28 DAYS JOURS	TOTAL -1 YEAR-AN	AGE - AGE 1	2	3	4	5-9	10-14	15-19	20-24	AGE - AGE 25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 101	GASTRITIS AND DUODENITIS ..	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A 102	APPENDICITIS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
A 103	INTESTINAL OBSTRUCTION AND HERNIA	M	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-
		F	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
		T	7	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	2	-
A 104	GASTRO-ENTERITIS AND ...... COLITIS	M	[illegible]	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
		T	4	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-
A 105	CIRRHOSIS OF LIVER	M	11	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	4	1	-	1	1	-	1	-
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	3	-	-	-	-	-	-	-	-
		T	19	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	2	4	4	1	-	1	1	-	1	-
A 106	CHOLELITHIASIS AND CHOLECYSTITIS	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	1	-	2	-
		T	10	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	1	-	2	1	3	-
A 107	OTHER	M	10	-	-	[illegible]	1	-	-	-	-	-	-	1	-	-	-	1	1	-	1	1	1	-	1	2	-	-	-
		F	9	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1	-	4	-
		T	19	1	-	1	2	-	-	-	-	-	-	1	-	-	-	1	1	1	1	2	2	-	1	3	-	4	-
	TOTAL (A98-A107).	M	43	1	-	[illegible]	3	-	-	-	-	-	1	1	-	-	-	2	2	1	4	5	3	5	2	7	3	4	-
		F	31	1	[illegible]	-	2	-	-	-	-	-	-	-	-	1	-	2	1	[illegible]	4	1	3	1	[illegible]	2	[illegible]	[illegible]	-
		T	74	2	[illegible]	[illegible]	5	-	-	-	-	-	1	1	-	1	-	[illegible]	3	[illegible]	8	6	6	6	3	[illegible]	[illegible]	12	-
	X. DISEASES OF THE GENITO-URINARY SYSTEM.																												
A 108	ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 109	CHRONIC AND OTHER NEPHRITIS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
		F	5	-	1	-	1	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-
		T	7	-	1	-	1	-	-	-	-	-	1	-	-	-	1	1	-	2	-	-	1	-	-	-	-	-	-
A 110	INFECTIONS OF KIDNEY	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	[illegible]	-	-	-	2	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	[illegible]	-	-
		T	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1	2	-
A 111	CALCULI	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
A 112	HYPERPLASIA OF PROSTATE ...	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	2	-
A 113	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114	OTHER	M	6	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1	-	-	-	-	-	1	-
		T	11	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	1	-	-	1	-	1	3	-	-	1	-
	TOTAL (A108-A114).	M	19	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	1	1	-	-	2	3	-	4	5	-
		F	12	-	1	-	[illegible]	-	-	-	-	-	1	-	1	-	1	1	1	1	-	1	2	-	-	-	1	1	-
		T	31	-	[illegible]	-	1	-	-	-	-	-	1	2	1	-	2	1	1	2	1	1	2	2	3	-	5	6	-
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.																												
A 115	SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 116	TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117	HAEMORRHAGE	F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 118	ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 119	ABORTION WITH SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 120	OTHER	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A115-A120).	F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																												
A 121	SKIN INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122	ARTHRITIS AND SPONDYLITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 123	RHEUMATISM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 124	OSTEOMYELITIS	M	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-
A 125	ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 126	OTHER	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
	TOTAL (A121-A126).	M	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-
	XIV. CONGENITAL MALFORMATIONS.																												
A 127	SPINA BIFIDA AND MENINGOCELE.																												
	A WITHOUT HYDROCEPHALUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	B WITH HYDROCEPHALUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	2	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	2	-	-	[illegible]	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A127).	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	2	-	-	2	[illegible]	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	2	-	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 128	CIRCULATORY SYSTEM	M	11	4	2	3	9	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	7	-	3	2	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	18	4	5	5	14	1	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 129	OTHER	M	7	1	2	1	4	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	1	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		T	10	2	2	2	6	-	1	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	TOTAL (A127-A129).	M	18	[illegible]	4	4	13	-	-	-	-	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	14	3	3	3	[illegible]	2	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	32	8	7	7	22	[illegible]	1	-	-	3	2	-	-	-	-	1	-	-	-	[illegible]	-	-	-	-	-	-	-
	XV. DISEASES OF EARLY INFANCY.																												
A 130	BIRTH INJURY	M	12	12	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	11	11	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	23	23	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 131	POSTNATAL ASPHYXIA AND .... ATELECTASIS	M	8	8	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	9	[illegible]	-	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	17	16	-	1	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 132	INFECTIONS OF NEWBORN	M	3	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 133	ERYTHROBLASTOSIS	M	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	[illegible]	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 134	OTHER DEFINED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7

DEATHS BY CAUSE AND SEX, BY AGE, EDMONTON, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST [illegible] (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	[illegible] DAYS JOURS	TOTAL -1 YEAR-AN	AGE - AGE								AGE - AGE													
								1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 135	ILL-DEFINED	M	30	29	-	1	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	26	26	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	56	55	-	1	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A130-A135).	[illegible]	54	50	3	1	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	48	46	1	1	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	102	[illegible]	4	2	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS, SENILITY [illegible] ILL-DEFINED CONDITIONS.																												
A 136	SENILITY WITHOUT PSYCHOSIS	M	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	8	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	-
		T	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	11	-
[illegible] 137	ILL-DEFINED AND UNKNOWN ...	M	6	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	1	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
		T	8	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	3	-	-	1	1	-
	TOTAL (A136, A137).	M	19	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	5	9	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	[illegible]	2	[illegible]	-
		T	27	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	3	1	1	7	12	-
	XVII. ACCIDENTS, POISONINGS [illegible] VIOLENCE.																												
	EXVII. EXTERNAL CAUSE.																												
AE 138	MOTOR VEHICLE ACCIDENTS.																												
	[illegible] TRAFFIC (810-825)	[illegible]	44	-	-	-	-	1	-	-	1	-	1	[illegible]	10	2	6	5	2	1	-	[illegible]	3	2	-	1	-	-	-
		F	21	-	-	-	-	-	-	-	-	2	1	5	3	2	[illegible]	1	-	-	2	-	2	1	-	1	-	-	-
		T	65	-	-	-	-	1	-	-	1	2	2	11	13	4	7	6	2	1	2	3	5	3	-	2	-	-	-
	B NON-TRAFFIC	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (AE138).	M	44	-	-	-	-	1	-	-	1	-	1	6	10	2	6	5	2	1	-	3	3	2	-	1	-	-	-
		F	21	-	-	-	-	-	-	-	-	2	1	5	3	[illegible]	1	1	-	-	2	-	2	[illegible]	-	1	-	-	-
		T	65	-	-	-	-	1	-	-	1	2	2	11	13	4	7	6	2	1	2	3	5	3	-	2	-	-	-
AE 139	OTHER TRANSPORT ACCIDENTS.																												
	[illegible] DROWNINGS INVOLVING SMALL BOATS (850)	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	[illegible] DROWNINGS INVOLVING OTHER WATERCRAFT (851)	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C OTHER TRANSPORT	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
	TOTAL (AE139).	M	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	[illegible]	-	-	-	-	-	-	-	-	-
AE 140	ACCIDENTAL POISONING	M	11	-	-	-	-	-	-	-	-	-	-	3	1	-	[illegible]	4	-	-	-	-	-	-	-	-	-	-	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	[illegible]	-	-	-	-	-	-
		T	17	-	-	-	-	-	-	-	-	-	-	3	1	-	5	4	1	1	-	1	1	-	-	-	-	-	-
AE 141	ACCIDENTAL FALLS	[illegible]	23	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	[illegible]	1	1	-	3	1	-	2	2	7	-
		F	12	-	-	2	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	[illegible]	3	2	-
		T	35	-	-	2	2	-	1	-	1	-	-	1	-	-	-	[illegible]	2	1	1	-	3	1	1	4	5	9	-
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	4	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	1	-	1	[illegible]	1	-	-	-	-	-	-	-	-	-	-
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	[illegible]	7	-	-	-	-	-	1	-	2	-	-	-	-	[illegible]	1	-	-	1	-	-	-	-	-	-	-	1	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-	1	-	-
		T	11	-	-	-	-	-	1	-	2	-	-	-	1	1	1	1	-	1	-	-	1	-	-	-	1	1	-
AE 144	OTHER ACCIDENTAL BURNS	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
AE 145	ACCIDENT CAUSED BY FIREARM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 146	ACCIDENTAL DROWNING	M	7	-	-	-	-	-	-	-	-	2	-	1	1	2	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		[illegible]	8	-	-	-	-	-	-	-	-	2	-	1	1	2	-	-	-	-	-	[illegible]	-	1	-	-	-	-	-
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	19	-	-	5	5	1	-	-	1	-	1	2	2	2	-	2	-	2	-	-	-	1	-	-	-	-	-
		F	7	-	-	4	4	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	26	-	-	9	9	1	-	-	1	-	1	3	2	2	-	3	[illegible]	2	-	-	-	1	-	-	-	-	-
	TOTAL (AE138-AE147).	M	118	-	-	5	5	2	1	-	5	2	2	13	16	7	11	14	7	5	1	4	6	4	-	3	2	[illegible]	-
		F	52	-	-	6	6	-	1	-	-	2	1	6	4	2	3	4	2	2	2	1	4	2	1	3	4	2	-
		T	170	-	-	11	11	2	[illegible]	-	5	4	3	19	20	9	14	18	9	7	3	5	10	6	1	6	6	10	-
AE 148	SUICIDE	M	32	-	-	-	-	-	-	-	-	-	1	2	5	2	2	4	6	3	1	1	3	1	-	-	1	-	-
		F	12	-	-	-	-	-	-	-	-	-	-	-	[illegible]	[illegible]	1	3	1	-	-	1	2	-	-	-	-	-	-
		T	44	-	-	-	-	-	-	-	-	-	1	2	6	5	3	7	7	3	1	2	5	1	-	-	1	-	-
AE 149	HOMICIDE	M	6	-	-	-	-	1	-	-	-	1	-	-	[illegible]	1	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-
		T	9	-	-	-	-	1	-	-	-	1	-	-	1	1	2	3	-	-	-	-	-	-	-	-	-	-	-
AE 150	WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (AE138-AE150).	M	156	-	-	5	5	3	1	-	5	3	3	15	22	10	14	19	13	[illegible]	2	5	9	5	-	3	3	[illegible]	-
		F	67	-	-	6	6	-	1	-	-	2	1	[illegible]	5	[illegible]	5	9	3	2	2	2	6	2	1	3	4	2	-
		T	223	-	-	11	11	3	2	-	5	5	4	21	27	15	19	28	16	10	4	7	15	7	1	6	7	10	-
	NXVII. NATURE OF INJURY.																												
AN 138	FRACTURE OF SKULL	M	19	-	-	-	-	-	-	-	-	-	-	1	3	2	3	3	2	2	1	-	1	-	-	-	1	-	-
		F	5	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-	1	1	-	-	-	-	-	-	-	-	-	1	-
		T	24	-	-	-	-	-	-	-	-	-	-	2	4	2	4	4	2	2	1	-	1	-	-	-	1	1	-
[illegible] 139	FRACTURE OF SPINE AND TRUNK	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-
AN 140	FRACTURE OF LIMBS	M	10	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	6	-
		F	10	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	-	1	2	3	1	-
		T	20	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	1	-	1	4	4	7	-
AN 141	DISLOCATION WITHOUT .... FRACTURE	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142	SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143	OTHER HEAD INJURY	M	18	-	-	-	-	1	-	-	1	-	[illegible]	[illegible]	4	[illegible]	1	2	2	-	1	-	1	[illegible]	-	-	-	-	-
		F	3	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		T	21	-	-	2	2	1	-	-	1	-	2	1	4	1	1	2	2	-	2	-	1	1	-	-	-	-	-
[illegible] 144	INTERNAL INJURY	[illegible]	44	-	-	-	-	2	-	-	1	1	-	4	9	1	5	6	3	[illegible]	-	3	4	2	-	1	-	1	-
		F	18	-	-	-	-	-	1	-	-	2	1	3	1	1	1	2	-	1	1	1	1	1	-	1	-	-	-
		T	62	-	-	-	-	2	1	-	1	3	1	7	10	2	6	8	3	2	1	4	5	3	-	2	-	1	-
AN 145	OPEN WOUNDS	M	5	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	-	-	1	[illegible]	-	1	1	-	-	1	-	-	-	-	-	-	-
AN 146	SUPERFICIAL INJURY [illegible] ..... CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible] 147	FOREIGN BODY THROUGH ...... ORIFICE	M	7	-	-	2	2	-	-	-	1	-	-	1	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-
		F	4	-	-	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	11	-	-	4	4	-	-	-	1	-	-	1	-	-	-	2	2	-	-	-	-	1	-	-	-	-	-
AN 148	BURNS	[illegible]	7	-	-	-	-	-	1	-	2	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	1	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-
		T	10	-	-	-	-	-	1	-	2	-	-	-	1	1	1	-	1	-	-	-	1	-	-	-	1	1	-
AN 149	POISONINGS	M	21	-	-	-	-	-	-	-	-	-	-	5	1	1	4	5	1	3	-	-	1	-	-	-	-	-	-
		F	15	-	-	-	-	-	-	-	-	-	-	-	1	3	3	3	2	1	-	1	1	-	-	-	-	-	-
		T	36	-	-	-	-	-	-	-	-	-	-	5	2	4	7	8	3	4	-	1	2	-	-	-	-	-	-
AN 150	OTHER	[illegible]	22	-	-	3	3	-	-	-	-	2	1	2	4	3	-	-	1	2	-	1	1	1	-	-	1	-	-
		F	9	-	-	2	2	-	-	-	-	-	-	1	-	1	-	2	-	-	-	-	2	1	-	-	-	-	-
		T	31	-	-	5	5	-	-	-	-	2	1	3	4	4	-	2	1	2	-	1	3	2	-	-	1	-	-
	TOTAL (AN138-AN150).	M	156	-	-	5	5	3	1	-	5	3	3	15	22	10	14	19	13	[illegible]	2	5	9	5	-	3	3	[illegible]	-
		F	67	-	-	6	6	-	1	-	-	2	1	6	5	5	5	9	3	2	2	2	6	2	1	3	4	2	-
		T	223	-	-	11	11	3	2	-	5	5	4	21	27	15	19	28	16	10	4	7	15	7	1	6	7	10	-
	ALL CAUSES.	[illegible]	1,365	56	7	24	87	6	2	-	8	9	6	23	31	14	21	35	46	46	67	81	109	136	139	163	171	165	-
		F	894	50	6	16	72	4	3	[illegible]	-	5	5	9	10	14	14	26	23	34	53	43	44	70	90	103	116	155	-
		T	2,259	106	13	40	159	10	5	1	[illegible]	14	11	32	41	28	35	61	69	80	120	124	153	206	229	266	287	320	-

TABLE 8

DEATHS BY CAUSE AND SEX, BY AGE, CALGARY, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	28 DAYS JOURS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
								AGE - AGE													AGE - AGE								
	I. INFECTIVE AND PARASITIC DISEASES.																												
	TUBERCULOSIS (A1-A5).																												
■	1 RESPIRATORY.																												
	A ACTIVE	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
	■ INACTIVE (002.2, 008.2)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	TOTAL (A1).	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-
■	2 MENINGES AND CENTRAL NERVOUS SYSTEM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	3 INTESTINE, PERITONEUM AND MESENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	4 BONE AND JOINT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	5 OTHER FORMS	M	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A1-A5).	M	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-
	SYPHILIS (A6-A10).																												
A	6 CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	7 EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	8 TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	9 GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	10 OTHERS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A6-A10).	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	11 GONOCOCCAL INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	12 TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	13 PARATYPHOID AND OTHER SALMONELLA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	14 CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	15 BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	16 DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	17 SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
■	18 STREPTOCOCCAL SORE THROAT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	19 ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	20 SEPTICAEMIA AND PYAEMIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	21 DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	22 WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	23 MENINGOCOCCAL INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	24 PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	25 LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	26 TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	27 ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	28 ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	29 ACUTE ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	30 LATE EFFECTS OF POLIO-MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A	31 SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	32 MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	33 YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	34 INFECTIOUS HEPATITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	35 RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	36 TYPHUS AND OTHER RICKETT-SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	37 MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	38 SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 8

DEATHS BY CAUSE AND SEX, BY AGE, CALGARY, 1968

									AGE - AGE													AGE - AGE							
LIST B NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	28 DAYS JOURS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
B 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	TOTAL (A1-A43).	M	**3**	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
		F	**6**	-	-	1	1	-	1	-	-	1	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-
		T	**9**	-	-	1	1	-	1	-	-	1	-	1	-	-	-	1	-	-	1	1	-	1	-	-	1	-	-
	II. NEOPLASMS.																												
	MALIGNANT NEOPLASMS (A44-A59).																												
A 44	BUCCAL CAVITY AND PHARYNX	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	2	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	2	2	-	-	-
A 45	OESOPHAGUS	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	2	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	2	-	-	-	-	-
A 46	STOMACH	M	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	1	3	4	6	2	-
		F	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	-	1	1	3	2	-
		T	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	4	4	1	4	5	9	4	-
A 47	INTESTINE, EXCEPT RECTUM ..	M	23	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	1	1	1	2	2	7	3	2	-
		F	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	4	5	4	7	-	3	-
		T	51	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	2	1	2	5	7	6	14	3	5	-
A 48	RECTUM	M	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	2	5	2	1	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	1	1	1	-	-	2	1	-
		T	24	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	1	1	2	3	2	5	4	2	-
A 49	LARYNX	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	5	5	6	9	1	7	7	2	-
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	2	-	1	-	1	-
		T	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	6	5	5	6	11	1	8	7	3	-
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	40	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	8	6	5	6	2	4	3	-	-
		T	40	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	8	6	5	6	2	4	3	-	-
A 52	CERVIX UTERI	F	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5	-	1	-	-	1	1	-
A 53	UTERUS, OTHER PARTS	F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	-
B 54	PROSTATE	M	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	-	9	8	1	-
A 55	SKIN	M	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	1	-	-	-	2	-	-
A 56	BONE AND CONNECTIVE TISSUE	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-
A 57	OTHER AND UNSPECIFIED SITES.																												
	A DIGESTIVE ORGANS .... (155-159)	M	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	4	2	3	5	2	-
		F	19	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	4	-	1	1	2	4	2	-
		T	40	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	5	6	-	5	3	5	9	4	-
	B RESPIRATORY ORGANS .... (160, 164, 165)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	C URINARY ORGANS .... (180, 181)	M	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	1	1	5	2	4	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	1	-
		T	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	1	7	4	5	-
	D BRAIN AND NERVOUS SYSTEM (193)	M	7	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	2	-	1	-	-	1	-	-	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	3	-	-	-	-	-	-	-	-
		T	13	-	-	-	-	-	-	-	-	1	-	-	-	1	2	1	-	1	5	-	1	-	-	1	-	-	-
	E OTHER	M	17	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	2	4	3	1	1	2	-
		F	38	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	1	3	3	5	6	2	3	4	3	-
		T	55	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	6	1	4	5	7	10	5	4	5	5	-
	TOTAL (A57).	M	62	-	-	-	-	-	-	-	-	1	-	-	-	1	2	-	1	-	6	5	5	9	6	10	8	8	-
		F	70	-	-	-	-	-	-	-	-	-	-	-	-	3	1	2	6	4	9	7	5	7	3	7	10	6	-
		T	132	-	-	-	-	-	-	-	-	1	-	-	-	4	3	2	7	4	15	12	10	16	9	17	18	14	-
A 58	LEUKAEMIA AND ALEUKAEMIA ..	M	17	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	-	-	2	-	-	2	1	2	4	-	-
		F	7	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	1	1	-
		T	24	-	-	-	-	-	1	2	-	1	1	-	1	1	-	-	-	-	2	1	-	3	2	3	5	1	-
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.																												
	A HODGKIN S (201)	M	4	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-
		T	8	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	1	-	2	-	1	-	-	-	-	-
	B OTHER	M	8	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	1	3	-	1	-	-	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	1	-
		T	13	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	3	5	-	1	-	-	-	1	-
	TOTAL (A59).	M	12	-	-	-	-	-	-	-	-	2	-	-	1	-	2	-	-	2	1	3	-	1	-	-	-	-	-
		F	9	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	4	-	1	-	-	-	1	-
		T	21	-	-	-	-	-	-	-	-	2	-	1	1	-	2	-	-	2	3	7	-	2	-	-	-	1	-
	TOTAL (A44-A59).	M	237	-	-	-	-	-	-	2	-	4	1	-	3	2	6	4	4	7	18	18	19	32	17	46	38	16	-
		F	206	-	-	-	-	-	1	-	-	-	-	1	-	4	2	5	16	12	20	27	17	26	13	21	23	18	-
		T	443	-	-	-	-	-	1	2	-	4	1	1	3	6	8	9	20	19	38	45	36	58	30	67	61	34	-
A 60	BENIGN AND UNSPECIFIED	M	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	1	-
	TOTAL (A44-A60).	M	**240**	-	-	-	-	-	-	**2**	-	**5**	**1**	-	**3**	**2**	**6**	**4**	**4**	**7**	**19**	**18**	**19**	**32**	**17**	**46**	**38**	**17**	-
		F	**208**	-	-	-	-	-	**1**	-	-	-	-	**1**	-	**4**	**2**	**5**	**16**	**13**	**20**	**27**	**17**	**26**	**14**	**21**	**23**	**18**	-
		T	**448**	-	-	-	-	-	**1**	**2**	-	**5**	**1**	**1**	**3**	**6**	**8**	**9**	**20**	**20**	**39**	**45**	**36**	**58**	**31**	**67**	**61**	**35**	-
	III, IV. ALLERGIC, ENDOCRINE, METABOLIC AND BLOOD DISEASES.																												
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B 63	DIABETES MELLITUS	M	27	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	2	2	4	2	2	8	4	-
		F	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3	3	2	5	7	3	-
		T	53	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	4	5	7	4	7	15	7	-
B 64	NUTRITIONAL DEFICIENCY .... STATES	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
A 65	ANAEMIAS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
A 66	OTHER	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	1	1	-	-	1	-
		T	10	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	1	2	1	2	-	1	-
	TOTAL (A61-A66).	M	**33**	-	-	-	-	-	-	-	-	-	-	-	-	**1**	-	-	**1**	**1**	**1**	**4**	**2**	**5**	**2**	**4**	**8**	**4**	-
		F	**33**	-	-	-	-	-	-	-	-	-	-	-	-	-	**1**	-	-	**1**	-	**4**	**4**	**4**	**3**	**5**	**7**	**4**	-
		T	**66**	-	-	-	-	-	-	-	-	-	-	-	-	**1**	**1**	-	**1**	**2**	**1**	**8**	**6**	**9**	**5**	**9**	**15**	**8**	-
	V. MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS.																												
A 67	PSYCHOSES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 8

DEATHS BY CAUSE AND SEX, BY AGE, CALGARY, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST [illegible] (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	[illegible] DAYS JOURS	TOTAL -1 YEAR-AN	AGE - AGE 1	2	3	4	5-9	10-14	15-19	20-24	AGE - AGE 25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-
A 69	MENTAL DEFICIENCY	M	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A67-A69).	M	4	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		T	5	-	-	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																												
A 70	CEREBROVASCULAR LESIONS	M	110	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	1	5	4	9	15	19	28	25	-
		F	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	1	2	4	8	5	6	18	20	26	30	-
		T	231	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	3	5	13	9	15	33	39	54	55	-
A 71	NON-MENINGOCOCCAL MENINGITIS	M	1	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	1	1	1	-	-	-	-	-
A 73	EPILEPSY	M	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-
A 74	INFLAMMATORY DISEASES OF THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND MASTOIDITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 78	OTHER	M	8	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	2	1	-	-	-
		F	8	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3	1	-
		T	16	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-	1	-	2	2	3	3	1	-
	TOTAL (A70-A78).	M	126	-	-	1	1	-	-	-	-	[illegible]	-	1	-	2	-	1	1	4	2	7	5	11	17	20	[illegible]	25	-
		F	135	-	-	-	-	-	-	1	-	[illegible]	-	-	-	2	-	3	[illegible]	2	5	8	5	7	18	22	29	31	-
		T	261	-	-	1	1	-	-	1	-	2	-	1	-	4	-	4	[illegible]	6	7	15	10	[illegible]	35	42	57	56	-
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																												
	HEART DISEASE (A79-A83).																												
A 79	RHEUMATIC FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 80	CHRONIC RHEUMATIC	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	3	1	-	-	-	-	-
		F	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	1	-	2	1	1	-	-	-	-
		T	17	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	4	1	-	5	2	1	-	-	-	-
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	350	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	11	11	20	32	32	33	51	56	47	52	-
		F	184	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	1	2	3	3	9	10	13	30	32	45	35	-
		T	534	-	-	-	-	-	-	-	-	-	-	-	2	1	1	3	13	14	23	41	42	46	81	88	92	87	-
A 82	OTHER	M	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	2	1	-	1	4	6	9	-
		F	19	-	-	-	-	-	-	1	-	-	-	-	-	-	-	[illegible]	-	-	3	-	2	3	1	1	4	3	-
		T	45	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	5	2	3	3	2	5	10	12	-
A 83	HYPERTENSIVE	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	2	-
		F	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	2	2	3	1	-
		T	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	2	4	3	3	-
	TOTAL (A79-A83).	M	387	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4	11	11	23	34	36	34	52	62	53	63	-
		F	225	-	-	-	-	-	-	1	-	-	-	-	1	-	-	3	3	7	7	10	14	19	34	35	52	39	-
		T	612	-	-	-	-	-	-	1	-	-	-	-	2	1	[illegible]	7	14	18	30	44	50	53	[illegible]	97	105	102	-
A 84	HYPERTENSION	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	3	1	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1	4	-	1	1	-
		T	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	-	-	1	4	1	4	2	-
A 85	ARTERIAL DISEASES	M	35	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	6	5	10	10	-
		F	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	5	13	-
		T	57	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	3	7	6	15	23	-
A 86	OTHER	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	2	-	-	-	1	-
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	2	-
		T	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	4	2	-	2	3	-
	TOTAL (A79-A86).	M	434	-	-	-	-	-	-	-	-	-	-	-	1	2	2	4	12	11	24	35	[illegible]	[illegible]	58	68	86	75	-
		F	265	-	-	-	-	-	-	1	-	-	-	-	1	-	-	4	3	9	8	10	14	23	41	36	60	55	-
		T	699	-	-	-	-	-	-	1	-	-	-	-	2	[illegible]	2	8	15	20	32	45	52	61	99	104	126	130	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																												
A 87	ACUTE UPPER RESPIRATORY	M	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 88	INFLUENZA	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	2	2	-
	PNEUMONIA (A89-A91).																												
A 89	LOBAR	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-
A 90	BRONCHO	M	18	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	4	3	7	-
		F	31	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	1	-	1	2	9	13	-
		T	49	-	-	1	1	[illegible]	-	-	-	-	-	1	-	-	-	-	[illegible]	1	1	1	2	-	2	6	12	20	-
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	19	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	1	2	4	4	-
		F	11	-	-	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	-
		T	30	-	-	[illegible]	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	1	4	6	8	-
	TOTAL (A89-A91).	M	41	-	-	2	2	[illegible]	-	-	-	-	-	-	-	-	-	-	1	1	-	4	1	2	2	7	8	12	-
		F	42	-	-	3	3	1	-	-	-	-	-	1	-	-	-	-	-	1	1	1	1	-	1	4	11	17	-
		T	83	-	-	5	[illegible]	2	-	-	-	-	-	1	-	-	-	-	1	2	1	5	2	2	3	11	19	29	-
	BRONCHITIS (A92, A93).																												
A 92	ACUTE	M	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
A 93	CHRONIC AND UNQUALIFIED	M	27	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	4	7	7	4	-
		F	4	-	-	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-
		T	31	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	1	4	7	8	5	-
	TOTAL (A92, A93).	M	28	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	4	7	7	4	-
		F	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-
		T	33	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	1	-	-	2	1	1	5	7	8	5	-
A 94	TONSILS AND ADENOIDS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 95	EMPYEMA AND LUNG ABSCESS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
A 96	PLEURISY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 97	OTHER	M	25	-	-	3	3	1	-	-	-	-	-	-	-	-	1	1	-	1	-	-	2	2	3	1	5	5	-
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	2	-	2	1	-
		T	33	-	-	3	[illegible]	1	-	-	-	-	-	-	-	-	1	1	1	1	-	2	2	2	5	1	7	6	-
	TOTAL (A87-A97).	M	[illegible]	-	-	5	5	4	1	-	-	-	-	-	-	-	1	1	2	2	-	5	4	5	9	15	22	22	-
		F	59	-	-	4	4	1	-	-	-	-	-	1	-	[illegible]	-	-	2	1	1	4	1	-	5	4	14	20	-
		T	157	-	-	9	9	5	[illegible]	-	-	-	-	1	-	[illegible]	1	[illegible]	4	3	1	9	5	5	14	19	36	42	-
	IX. DISEASES OF THE DIGESTIVE SYSTEM.																												
A 98	DISEASES OF THE TEETH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 99	ULCER OF THE STOMACH	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	2	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	4	-	-
A 100	ULCER OF THE DUODENUM	M	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	1	1	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		T	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	1	1	2	-

TABLE 8

DEATHS BY CAUSE AND SEX, BY AGE, CALGARY, 1968

									AGE - AGE												AGE - AGE								
LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	28 DAYS JOURS	TOTAL -1 YEAR-AN	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 101	GASTRITIS AND DUODENITIS ..	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A 102	APPENDICITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 103	INTESTINAL OBSTRUCTION AND HERNIA	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	-	-	2	-
		F	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	1	-
		T	11	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	2	-	1	3	-
A 104	GASTRO-ENTERITIS AND COLITIS	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	3	-	-
		F	10	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	2	4	-
		T	15	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	-	5	4	-
A 105	CIRRHOSIS OF LIVER	M	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	1	1	4	-	1	-	-	1	-
		F	15	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	2	2	4	-	-	1	1	-	1	-
		T	27	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	5	3	5	4	-	2	1	-	2	-
A 106	CHOLELITHIASIS AND CHOLECYSTITIS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	2	-
A 107	OTHER	M	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	2	-	-
		T	9	-	-	1	1	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	1	1	1	-	2	-	-
	TOTAL (A98-A107).	M	45	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2	1	6	2	3	7	3	7	2	6	5	-
		F	41	1	-	1	2	-	-	-	-	-	-	1	-	2	-	1	1	2	2	5	-	4	3	1	9	8	-
		T	86	1	-	2	3	-	-	-	-	-	-	1	-	2	-	3	2	8	4	8	7	7	10	3	15	13	-
	X. DISEASES OF THE GENITO-URINARY SYSTEM.																												
A 108	ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 109	CHRONIC AND OTHER NEPHRITIS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
		F	4	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	1	1	2	-	-
A 110	INFECTIONS OF KIDNEY	M	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	1	-
		T	9	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	3	-
A 111	CALCULI	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 112	HYPERPLASIA OF PROSTATE	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-
A 113	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114	OTHER	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-
	TOTAL (A108-A114).	M	15	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	4	4	-
		F	8	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	1	1	-	2	1	-
		T	23	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	1	2	5	6	5	-
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.																												
A 115	SEPSIS	F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
A 116	TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117	HAEMORRHAGE	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 118	ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 119	ABORTION WITH SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 120	OTHER	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A115-A120).	F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																												
A 121	SKIN INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122	ARTHRITIS AND SPONDYLITIS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	2	1	-
A 123	RHEUMATISM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 124	OSTEOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 125	ANKYLOSIS AND ACQUIRED DEFORMITIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 126	OTHER	M	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	3	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
		T	5	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
	TOTAL (A121-A126).	M	5	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	2	-	1	-	-
		F	7	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	1	-	1	1	-
		T	12	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	1	2	1	-	-	3	-	2	1	-
	XIV. CONGENITAL MALFORMATIONS.																												
A 127	SPINA BIFIDA AND MENINGOCELE.																												
A	WITHOUT HYDROCEPHALUS	M	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	WITH HYDROCEPHALUS	M	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A127).	M	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 128	CIRCULATORY SYSTEM	M	9	-	2	4	6	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	10	4	1	4	9	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	19	4	3	8	15	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
A 129	OTHER	M	5	3	-	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	9	2	-	3	5	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	14	5	-	5	10	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	TOTAL (A127-A129).	M	16	3	4	6	13	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	19	6	1	7	14	-	-	1	-	1	1	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
		T	35	9	5	13	27	-	1	1	-	1	2	-	-	-	-	1	-	-	-	-	-	1	-	-	-	1	-
	XV. DISEASES OF EARLY INFANCY.																												
A 130	BIRTH INJURY	M	5	5	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	5	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 131	POSTNATAL ASPHYXIA AND ATELECTASIS	M	4	4	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 132	INFECTIONS OF NEWBORN	M	4	3	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	4	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 133	ERYTHROBLASTOSIS	M	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 134	OTHER DEFINED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 8

DEATHS BY CAUSE AND SEX, BY AGE, CALGARY, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	-7 DAYS JOURS	7-27 DAYS JOURS	28 DAYS JOURS	TOTAL -1 YEAR-AN	AGE - AGE 1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	AGE - AGE 50-54	55-59	60-64	65-69	70-74	75-79	80-84	85	N.S.
A 135	ILL-DEFINED	M	26	20	-	6	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	26	23	-	[illegible]	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	52	43	-	9	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A130-A135).	M	40	33	1	6	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	31	27	1	3	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	71	60	2	9	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.																												
A 136	SENILITY WITHOUT PSYCHOSIS	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
A 137	ILL-DEFINED AND UNKNOWN ...	M	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	8	7	17	15	10	19	7	14	-
		F	55	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	3	4	6	5	4	4	11	3	12	-
		T	162	-	-	-	-	1	-	-	-	-	-	-	-	-	-	[illegible]	7	5	12	13	22	19	14	30	10	26	-
	TOTAL (A136, A137).	M	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	8	7	17	15	10	19	7	18	-
		F	58	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	[illegible]	3	[illegible]	6	5	4	4	11	3	15	-
		T	169	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3	7	5	12	13	22	19	14	30	10	33	-
	XVII. ACCIDENTS, POISONINGS AND VIOLENCE.																												
	EXVII. EXTERNAL CAUSE.																												
AE 138	MOTOR VEHICLE ACCIDENTS.																												
A	TRAFFIC (810-825)	M	57	-	-	-	-	-	-	-	2	5	1	[illegible]	[illegible]	[illegible]	[illegible]	4	5	1	4	-	1	1	-	2	2	-	-
		F	27	-	-	-	-	-	1	-	-	2	2	6	3	2	3	1	1	2	-	[illegible]	-	1	1	-	1	-	-
		T	84	-	-	-	-	-	1	-	2	[illegible]	3	15	12	5	11	5	6	3	4	1	1	2	1	2	3	-	-
B	NON-TRAFFIC	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (AE138).	M	57	-	-	-	-	-	-	-	[illegible]	5	1	9	9	[illegible]	8	4	5	1	4	-	1	1	-	2	2	-	-
		F	27	-	-	-	-	-	1	-	-	2	2	6	3	2	3	1	1	2	-	1	-	1	1	-	1	-	-
		T	84	-	-	-	-	-	1	-	2	7	3	15	12	5	11	5	6	3	[illegible]	1	1	2	1	2	3	-	-
AE 139	OTHER TRANSPORT ACCIDENTS.																												
A	DROWNINGS INVOLVING SMALL BOATS (850)	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-
B	DROWNINGS INVOLVING OTHER WATERCRAFT (851)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	OTHER TRANSPORT	M	8	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	3	1	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	8	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	3	1	-	-	-	-	-	-	-	-
	TOTAL (AE139).	M	9	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	3	[illegible]	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	9	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	3	1	1	-	-	-	-	-	-	-
AE 140	ACCIDENTAL POISONING	M	10	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	1	[illegible]	-	-	-	-	-	-	-	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	1	[illegible]	-	-	-	-	-	-	-
		T	16	-	-	-	-	-	-	-	-	-	-	-	-	1	3	4	[illegible]	2	3	1	-	-	-	-	-	-	-
AE 141	ACCIDENTAL FALLS	M	13	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-	1	-	1	1	-	2	-	1	-	2	-
		F	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	2	6	7	-
		T	31	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-	1	1	1	1	-	4	-	3	6	9	-
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	7	-	-	-	-	-	-	-	-	-	-	-	1	1	2	[illegible]	-	-	1	1	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		T	8	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-	1	1	-	-	-	-	1	-	-
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-
		T	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1	1	-
AE 144	OTHER ACCIDENTAL BURNS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 145	ACCIDENT CAUSED BY FIREARM	M	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 146	ACCIDENTAL DROWNING	M	5	-	-	-	-	-	1	1	[illegible]	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	8	-	-	-	-	-	2	2	1	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	10	-	-	[illegible]	2	-	-	-	-	-	1	2	-	2	-	-	-	2	-	-	-	-	1	-	-	-	-
		F	4	-	-	2	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	14	-	-	4	4	-	1	-	-	-	1	2	-	[illegible]	-	-	-	2	-	-	-	-	1	-	-	-	-
	TOTAL (AE139-AE147).	M	115	-	-	2	2	-	2	1	3	5	3	13	12	10	12	9	9	7	10	4	1	3	1	3	3	2	-
		F	62	-	-	[illegible]	2	-	3	1	-	3	2	6	3	3	4	3	1	4	2	2	-	4	1	2	8	8	-
		T	177	-	-	4	4	-	5	2	3	8	5	19	15	13	16	12	10	11	12	6	1	7	2	5	11	10	-
AE 148	SUICIDE	M	26	-	-	-	-	-	-	-	-	-	-	1	4	4	[illegible]	2	4	2	2	5	-	-	-	-	-	-	-
		F	8	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	2	-	-	-	-	-	-	-	-	-	-
		T	34	-	-	-	-	-	-	-	-	-	-	2	5	5	3	4	[illegible]	2	[illegible]	5	-	-	-	-	-	-	-
AE 149	HOMICIDE	M	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-
AE 150	WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (AE138-AE150).	M	145	-	-	2	2	-	2	1	3	6	3	14	16	14	14	11	13	9	13	11	1	3	1	3	3	2	-
		F	71	-	-	2	2	-	3	1	-	3	2	8	4	4	5	5	3	4	2	2	-	4	1	2	8	8	-
		T	216	-	-	4	4	-	5	2	3	9	5	22	20	18	19	16	16	13	15	13	1	7	2	5	11	10	-
	NXVII. NATURE OF INJURY.																												
AN 138	FRACTURE OF SKULL	M	27	-	-	-	-	-	1	-	-	-	2	1	5	4	2	1	4	1	3	2	-	-	-	1	-	-	-
		F	12	-	-	-	-	-	-	-	-	1	1	[illegible]	2	-	1	-	-	2	-	1	-	1	-	-	1	-	-
		T	39	-	-	-	-	-	1	-	-	1	3	3	7	4	3	1	4	3	3	3	-	1	-	1	1	-	-
AN 139	FRACTURE OF SPINE AND TRUNK	M	6	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	2	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	2	1	-	1	-	-
AN 140	FRACTURE OF LIMBS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	1	-	-	1	-
		F	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	5	7	-
		T	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	2	5	8	-
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142	SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143	OTHER HEAD INJURY	M	19	-	-	-	-	-	-	-	1	1	-	2	4	2	3	-	-	1	1	3	-	-	-	1	-	-	-
		F	7	-	-	-	-	-	-	-	-	-	1	2	1	-	1	1	-	-	-	-	-	-	-	-	1	-	-
		T	26	-	-	-	-	-	-	-	1	[illegible]	[illegible]	4	5	2	4	1	-	1	1	3	-	-	-	1	1	-	-
AN 144	INTERNAL INJURY	M	51	-	-	-	-	-	-	-	[illegible]	5	-	9	5	5	6	3	3	4	4	1	1	1	-	1	1	1	-
		F	13	-	-	-	-	-	1	-	-	1	-	2	1	2	2	-	1	1	-	-	-	1	-	-	1	-	-
		T	64	-	-	-	-	-	1	-	1	6	-	11	[illegible]	7	[illegible]	3	4	5	4	[illegible]	1	2	-	1	2	1	-
AN 145	OPEN WOUNDS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
AN 146	SUPERFICIAL INJURY OR ..... CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 147	FOREIGN BODY THROUGH ...... ORIFICE	M	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	1	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	2	[illegible]	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 148	BURNS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-
AN 149	POISONINGS	M	20	-	-	-	-	-	-	-	-	-	-	1	2	2	3	3	4	1	2	2	-	-	-	-	-	-	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	1	1	1	1	-	-	-	-	-	1	-
		T	30	-	-	-	-	-	-	-	-	-	-	[illegible]	2	3	4	6	5	2	3	3	-	-	-	-	-	1	-
AN 150	OTHER	M	14	-	-	1	1	-	1	1	1	-	1	-	-	[illegible]	-	2	1	2	[illegible]	2	-	-	-	-	-	-	-
		F	9	-	-	1	1	-	1	1	-	1	-	2	-	-	-	[illegible]	1	-	-	-	-	1	-	-	-	-	-
		T	23	-	-	2	2	-	2	2	[illegible]	1	1	2	-	1	-	3	2	2	1	2	-	1	-	-	-	-	-
	TOTAL (AN138-AN150).	M	145	-	-	2	2	-	2	1	3	6	3	14	16	14	14	11	13	9	13	11	1	3	1	3	3	2	-
		F	71	-	-	2	2	-	3	1	-	3	[illegible]	8	4	4	5	[illegible]	3	4	[illegible]	2	-	4	1	2	8	8	-
		T	216	-	-	4	4	-	5	2	[illegible]	9	5	22	20	18	19	16	16	13	15	13	1	7	2	5	11	10	-
	ALL CAUSES.	M	1,315	36	5	23	64	4	4	3	3	12	5	17	20	21	23	26	40	43	71	90	93	112	124	182	185	173	-
		F	945	34	2	19	55	2	5	4	-	6	4	11	9	14	8	22	29	36	44	68	46	75	91	103	156	161	-
		T	2,260	70	7	42	119	6	9	7	3	18	9	28	25	35	31	48	69	79	115	158	139	187	215	285	341	334	-

TABLE 9

DEATHS BY CAUSE AND SEX, BY MARITAL STATUS AND AGE, ALBERTA, 1968

LIST [illegible] NO.	CAUSE OF DEATH INTERMEDIATE LIST [illegible] (SEVENTH REVISION)		TOTAL	UNDER 15 MOINS DE 15	SINGLE CELIBATAIRE							MARRIED MARIE			MARRIED MARIE				WIDOWED AND DIVORCED EN VEUVAGE ET DIVORCE							NOT STATED NON DONNES
					TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	
	I. INFECTIVE [illegible] PARASITIC DISEASES.																									
	TUBERCULOSIS (A1-A5).																									
[illegible]	1 RESPIRATORY.																									
[illegible]	ACTIVE	M	8	-	-	-	-	-	-	-	-	6	-	1	3	-	2	-	2	-	-	-	-	2	-	-
		F	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	-
		T	11	-	1	-	1	-	-	-	-	6	-	1	3	-	2	-	4	-	-	-	1	3	-	-
B	INACTIVE (002.2, 008.2)	M	4	-	1	-	-	-	-	1	-	1	-	-	-	1	-	-	2	-	-	1	-	1	-	-
		F	3	-	-	-	-	-	-	-	-	3	-	-	2	1	-	-	-	-	-	-	-	-	-	-
		T	7	-	1	-	-	-	-	1	-	4	-	-	2	2	-	-	2	-	-	1	-	1	-	-
	TOTAL (A1).	M	12	-	1	-	-	-	-	1	-	7	-	1	3	1	[illegible]	-	4	-	-	1	-	3	-	-
		F	6	-	1	-	1	-	-	-	-	3	-	-	2	1	-	-	2	-	-	-	1	1	-	-
		T	18	-	2	-	1	-	-	1	-	10	-	1	5	2	2	-	6	-	-	1	1	4	-	-
A	2 MENINGES AND CENTRAL NERVOUS SYSTEM	M	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
[illegible]	3 INTESTINE, PERITONEUM AND MESENTERY	M	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
A	4 BONE AND JOINT	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	5 OTHER FORMS	M	3	-	3	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	[illegible]	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	4	1	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A1-A5).	M	17	-	4	1	-	1	-	2	-	9	-	1	4	2	2	-	4	-	-	1	-	3	-	-
		F	7	-	2	-	1	-	-	1	-	3	-	-	2	1	-	-	2	-	-	-	1	1	-	-
		T	24	-	6	1	1	1	-	3	-	12	-	1	6	3	2	-	6	-	-	1	1	4	-	-
	SYPHILIS (A6-A10).																									
[illegible]	6 CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	7 EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	[illegible] TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	9 GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	10 OTHERS	[illegible]	3	-	1	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	4	-	1	-	-	1	-	-	-	2	-	-	-	2	-	-	1	-	-	-	-	1	-	-
	TOTAL (A6-A10).	M	3	-	1	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	4	-	1	-	-	1	-	-	-	2	-	-	-	2	-	-	1	-	-	-	-	1	-	-
A	11 GONOCOCCAL INFECTION	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	12 TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	13 PARATYPHOID AND OTHER SALMONELLA	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	14 CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	15 BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	16 DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	17 SCARLET FEVER	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	18 STREPTOCOCCAL SORE THROAT	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	19 ERYSIPELAS	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	20 SEPTICAEMIA AND PYAEMIA	M	2	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	1	-	-	-	1	-	-	-
		T	5	1	-	-	-	-	-	-	-	[illegible]	-	2	[illegible]	-	-	-	1	-	-	-	1	-	-	-
[illegible]	21 DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	22 WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	23 MENINGOCOCCAL INFECTIONS	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	24 PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	25 LEPROSY	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	26 TETANUS	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	27 ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	28 ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	29 ACUTE ENCEPHALITIS	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A	30 LATE EFFECTS OF POLIO-MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
A	31 SMALLPOX	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	32 MEASLES	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	33 YELLOW FEVER	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	34 INFECTIOUS HEPATITIS	M	[illegible]	-	-	-	-	-	-	-	-	2	-	-	1	-	1	-	-	-	-	-	-	-	-	-
		F	4	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	3	1	-	1	-	-	-	-	2	-	-	1	-	1	-	-	-	-	-	-	-	-	-
A	35 RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	36 TYPHUS AND OTHER RICKETT-SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	37 MALARIA	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	[illegible] SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 9

DEATHS BY CAUSE AND SEX, BY MARITAL STATUS AND AGE, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	UNDER 15 MOINS DE 15	SINGLE CELIBATAIRE							MARRIED MARIE			MARRIED MARIE				WIDOWED AND DIVORCED EN VEUVAGE ET DIVORCE							NOT STATED NON DONNES
					TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	8	2	1	-	1	-	-	-	-	3	-	-	1	1	1	-	2	-	-	-	1	1	-	-
		F	5	3	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	1	-	-
		T	13	5	1	-	1	-	-	-	-	4	-	1	1	1	1	-	3	-	-	-	1	2	-	-
	TOTAL (A1-A43).	M	36	6	6	1	1	2	-	2	-	17	-	1	7	4	5	-	7	-	-	1	1	5	-	-
		F	25	10	3	-	2	-	-	1	-	8	-	4	2	2	-	-	4	-	-	-	2	2	-	-
		T	61	16	9	1	3	2	-	3	-	25	-	5	9	6	[illegible]	-	11	-	-	1	3	7	-	-
	II. NEOPLASMS.																									
	MALIGNANT NEOPLASMS (A44-A59).																									
A 44	BUCCAL CAVITY AND PHARYNX	M	16	-	2	-	-	1	1	-	-	11	-	3	6	1	1	-	3	-	-	2	-	1	-	-
		F	5	-	-	-	-	-	-	-	-	3	-	1	1	1	-	-	2	-	-	-	2	-	-	-
		T	21	-	2	-	-	1	1	-	-	14	-	4	7	2	1	-	5	-	-	2	2	1	-	-
A 45	OESOPHAGUS	M	20	-	6	-	1	1	3	1	-	11	-	-	5	2	4	-	3	-	-	1	1	1	-	-
		F	3	-	-	-	-	-	-	-	-	3	-	-	2	-	1	-	-	-	-	-	-	-	-	-
		T	23	-	6	-	1	1	3	1	-	14	-	-	7	2	5	-	3	-	-	1	1	1	-	-
A 46	STOMACH	M	136	-	14	-	-	4	3	7	-	99	-	6	37	30	26	-	20	-	-	2	3	15	-	3
		F	48	-	3	-	-	-	2	1	-	24	-	2	13	3	6	-	21	-	-	1	3	17	-	-
		T	184	-	17	-	-	4	5	8	-	123	-	8	50	33	32	-	41	-	-	3	6	32	-	3
A 47	INTESTINE, EXCEPT RECTUM	M	84	-	16	-	1	6	1	8	-	49	-	7	9	17	16	-	18	-	-	2	3	13	-	1
		F	[illegible]	-	6	-	-	2	4	-	-	48	1	5	19	10	13	-	44	-	-	5	13	26	-	-
		T	182	-	22	-	1	8	5	8	-	97	1	12	28	27	29	-	62	-	-	7	16	39	-	1
A 48	RECTUM	M	50	-	9	-	-	2	3	4	-	35	-	-	14	8	13	-	6	-	-	-	2	4	-	-
		F	36	-	3	-	1	-	1	1	-	16	-	3	10	1	2	-	17	-	-	3	6	8	-	-
		T	86	-	12	-	1	2	4	5	-	51	-	3	24	9	15	-	23	-	-	3	8	12	-	-
A 49	LARYNX	M	4	-	-	-	-	-	-	-	-	3	-	-	1	1	1	-	1	-	-	-	1	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	-
		T	6	-	-	-	-	-	-	-	-	3	-	-	1	1	1	-	3	-	-	-	2	1	-	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	202	-	20	-	2	8	6	4	-	146	1	7	55	54	29	-	32	-	-	8	5	19	-	4
		F	31	-	3	-	1	-	-	2	-	19	-	3	10	4	2	-	9	-	-	3	1	5	-	-
		T	233	-	23	-	3	8	6	6	-	165	1	10	65	58	31	-	41	-	-	11	6	24	-	4
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	163	-	9	-	-	6	3	-	-	106	-	19	67	15	5	-	48	-	1	13	13	21	-	-
		T	163	-	9	-	-	6	3	-	-	106	-	19	67	15	5	-	48	-	1	13	13	21	-	-
A 52	CERVIX UTERI	F	33	-	-	-	-	-	-	-	-	19	-	7	10	2	-	-	14	-	-	4	6	4	-	-
A 53	UTERUS, OTHER PARTS	F	20	-	-	-	-	-	-	-	-	8	-	-	4	2	2	-	12	-	-	3	4	5	-	-
A 54	PROSTATE	M	116	-	10	-	-	2	1	7	-	73	-	-	10	10	53	-	33	-	-	1	4	28	-	-
A 55	SKIN	M	14	-	2	-	-	1	-	1	-	8	1	1	2	3	1	-	4	-	1	-	-	3	-	-
		F	18	-	2	-	2	-	-	-	-	9	-	3	3	1	2	-	7	-	-	1	3	3	-	-
		T	32	-	4	-	2	1	-	1	-	17	1	4	5	4	3	-	11	-	1	1	3	6	-	-
A 56	BONE AND CONNECTIVE TISSUE	M	8	-	3	1	1	1	-	-	-	4	-	2	1	1	-	-	1	-	-	-	-	1	-	-
		F	6	3	-	-	-	-	-	-	-	2	-	1	1	-	-	-	1	-	-	-	1	-	-	-
		T	14	3	3	1	1	1	-	-	-	6	-	3	2	1	-	-	2	-	-	-	1	1	-	-
A 57	OTHER AND UNSPECIFIED SITES.																									
	A DIGESTIVE ORGANS (155-159)	M	114	-	12	-	1	4	1	6	-	87	-	3	23	40	21	-	15	-	-	1	2	12	-	-
		F	79	-	2	-	-	2	-	-	-	40	-	6	16	9	9	-	37	-	-	2	11	24	-	-
		T	193	-	14	-	1	6	1	6	-	127	-	9	39	49	30	-	52	-	-	3	13	36	-	-
	B RESPIRATORY ORGANS (160, 164, 165)	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	1	-	-
	C URINARY ORGANS (180, 181)	M	62	-	6	-	-	2	2	2	-	48	-	1	17	16	14	-	8	-	-	-	1	7	-	-
		F	25	1	-	-	-	-	-	-	-	11	-	1	5	3	2	-	13	-	-	-	5	8	-	-
		T	87	1	6	-	-	2	2	2	-	59	-	2	22	19	16	-	21	-	-	-	6	15	-	-
	D BRAIN AND NERVOUS SYSTEM (193)	M	36	4	4	1	-	2	-	1	-	28	-	4	16	6	2	-	-	-	-	-	-	-	-	-
		F	23	3	2	1	-	1	-	-	-	12	-	4	7	1	-	-	6	-	-	2	3	1	-	-
		T	59	7	6	2	-	3	-	1	-	40	-	8	23	7	2	-	6	-	-	2	3	1	-	-
	E OTHER	M	59	1	2	-	-	2	-	-	-	49	-	5	20	13	11	-	7	-	-	-	1	6	-	-
		F	139	1	9	2	2	3	2	-	-	76	-	17	35	16	8	-	53	-	-	12	12	29	-	-
		T	198	2	11	2	2	5	2	-	-	125	-	22	55	29	19	-	60	-	-	12	13	35	-	-
	TOTAL (A57).	M	272	5	24	1	1	10	3	9	-	212	-	13	76	75	[illegible]	-	31	-	-	1	4	26	-	-
		F	267	5	13	3	2	6	2	-	-	140	-	29	63	29	19	-	109	-	-	16	31	62	-	-
		T	539	10	37	4	3	16	5	9	-	352	-	42	139	104	67	-	140	-	-	17	35	88	-	-
A 58	LEUKAEMIA AND ALEUKAEMIA	M	62	13	9	3	-	2	-	4	-	30	-	4	6	6	14	-	10	-	-	2	1	7	-	-
		F	38	7	3	1	-	1	-	1	-	14	-	4	5	4	1	-	14	-	-	2	3	9	-	-
		T	100	20	12	4	-	3	-	5	-	44	-	8	11	10	15	-	24	-	-	4	4	16	-	-
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.																									
	A HODGKIN S (201)	M	21	2	6	5	1	-	-	-	-	12	1	4	7	-	-	-	1	-	-	1	-	-	-	-
		F	12	-	1	1	-	-	-	-	-	8	1	2	3	2	-	-	3	-	-	1	1	1	-	-
		T	33	2	7	6	1	-	-	-	-	20	2	6	10	2	-	-	4	-	-	2	1	1	-	-
	B OTHER	M	37	4	8	1	1	2	2	2	-	24	-	2	13	8	1	-	1	-	-	1	-	-	-	-
		F	28	1	1	1	-	-	-	-	-	19	-	4	9	5	1	-	7	-	-	2	3	2	-	-
		T	65	5	9	2	1	2	2	2	-	43	-	6	22	13	2	-	8	-	-	3	3	2	-	-
	TOTAL (A59).	M	58	6	14	6	2	2	2	2	-	36	1	6	20	8	1	-	2	-	-	2	-	-	-	-
		F	40	1	2	2	-	-	-	-	-	27	1	6	12	7	1	-	10	-	-	3	4	3	-	-
		T	98	7	16	8	2	2	2	2	-	63	2	12	32	15	2	-	12	-	-	5	4	3	-	-
	TOTAL (A44-A59).	M	1,042	24	129	11	8	40	23	47	-	717	3	49	242	216	207	-	164	-	1	21	24	118	-	8
		F	808	16	44	6	6	15	12	5	-	438	2	83	220	79	54	-	310	-	1	54	91	164	-	-
		T	1,850	40	173	17	14	55	35	52	-	1,155	5	132	462	295	261	-	474	-	2	75	115	282	-	8
A 60	BENIGN AND UNSPECIFIED	M	14	2	4	1	1	2	-	-	-	6	-	2	3	1	-	-	2	-	-	-	-	2	-	-
		F	14	1	3	2	-	-	1	-	-	5	-	2	3	-	-	-	5	-	-	-	3	2	-	-
		T	28	3	7	3	1	2	1	-	-	11	-	4	6	1	-	-	7	-	-	-	3	4	-	-
	TOTAL (A44-A60).	M	1,056	26	133	12	9	42	23	47	-	723	3	51	245	217	207	-	166	-	1	21	24	120	-	8
		F	822	17	47	8	6	15	13	5	-	443	2	[illegible]	223	79	54	-	315	-	1	54	94	166	-	-
		T	1,878	43	180	20	15	57	[illegible]	52	-	1,166	5	136	468	296	261	-	481	-	2	75	118	286	-	8
	III, IV. ALLERGIC, ENDOCRINE, METABOLIC [illegible] BLOOD DISEASES.																									
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	100	-	10	-	3	1	2	4	-	64	-	3	15	20	26	-	26	-	-	-	5	21	-	-
		F	104	-	3	1	-	1	1	-	-	35	-	3	9	10	13	-	66	-	-	10	11	45	-	-
		T	204	-	13	1	3	2	3	4	-	99	-	6	24	30	39	-	92	-	-	10	16	66	-	-
A 64	NUTRITIONAL DEFICIENCY STATES	M	2	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	3	1	-	-	-	-	-	-	-	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-
A 65	ANAEMIAS	M	6	-	2	-	-	-	1	1	-	4	-	1	1	-	2	-	-	-	-	-	-	-	-	-
		F	7	-	2	-	-	1	-	1	-	3	-	-	2	-	1	-	2	-	-	1	-	1	-	-
		T	13	-	4	-	-	1	1	2	-	7	-	1	3	-	3	-	2	-	-	1	-	1	-	-
A 66	OTHER	M	29	3	7	2	-	2	1	2	-	13	-	1	6	4	2	-	6	-	-	-	2	4	-	-
		F	34	1	2	-	1	1	-	-	-	19	-	2	9	5	3	-	12	-	-	3	2	7	-	-
		T	63	4	9	2	1	3	1	2	-	32	-	3	15	9	5	-	18	-	-	3	4	11	-	-
	TOTAL (A61-A66).	M	137	4	19	2	3	3	4	7	-	82	-	5	23	24	30	-	32	-	-	-	7	25	-	-
		F	147	1	7	1	1	3	1	1	-	58	-	5	20	16	17	-	81	-	-	14	13	54	-	-
		T	284	5	26	3	4	6	5	8	-	140	-	10	43	40	47	-	113	-	-	14	20	79	-	-
	V. MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS.																									
A 67	PSYCHOSES	M	3	-	-	-	-	-	-	-	-	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-

TABLE 9

DEATHS BY CAUSE AND SEX, BY MARITAL STATUS AND AGE, ALBERTA, 1968

LIST NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	UNDER 15 MOINS [illegible] 15	SINGLE CELIBATAIRE							MARRIED MARIE							WIDOWED AND DIVORCED EN VEUVAGE ET DIVORCE							NOT STATED NON DONNES
					TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	13	-	2	-	1	1	-	-	-	8	-	1	4	2	1	-	3	-	-	2	-	1	-	-
		F	7	-	-	-	-	-	-	-	-	5	-	-	4	-	1	-	2	-	-	2	-	-	-	-
		T	20	-	2	-	1	1	-	-	-	13	-	1	8	2	2	-	5	-	-	4	-	1	-	-
A 69	MENTAL DEFICIENCY	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (A67-A69)	M	18	2	2	-	1	1	-	-	-	11	-	3	5	2	1	-	3	-	-	2	-	1	-	-
		F	7	-	-	-	-	-	-	-	-	5	-	-	4	-	1	-	2	-	-	2	-	-	-	-
		T	25	2	2	-	1	1	-	-	-	16	-	3	9	2	2	-	5	-	-	4	-	1	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																									
A 70	CEREBROVASCULAR LESIONS	M	527	2	76	1	3	14	18	40	-	297	-	6	34	79	178	-	146	-	-	6	17	123	-	6
		F	503	1	19	1	3	2	5	8	-	183	-	11	37	57	78	-	300	-	1	11	42	246	-	-
		T	1,030	3	95	2	6	16	23	48	-	480	-	17	71	136	256	-	446	-	1	17	59	369	-	6
A 71	NON-MENINGOCOCCAL MENINGITIS	M	10	6	1	-	1	-	-	-	-	3	-	-	2	1	-	-	-	-	-	-	-	-	-	-
		F	4	2	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	14	8	1	-	1	-	-	-	-	5	1	1	2	1	-	-	-	-	-	-	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	15	-	2	-	1	-	1	-	-	11	-	1	8	2	-	-	2	-	-	1	1	-	-	-
		F	8	-	1	-	1	-	-	-	-	3	-	2	1	-	-	-	4	-	2	1	1	-	-	-
		T	23	-	3	-	2	-	1	-	-	14	-	3	9	2	-	-	6	-	2	2	2	-	-	-
A 73	EPILEPSY	M	14	3	8	1	5	1	1	-	-	3	-	1	1	-	1	-	-	-	-	-	-	-	-	-
		F	11	5	1	1	-	-	-	-	-	4	-	4	-	-	-	-	1	-	-	-	1	-	-	-
		T	25	8	9	2	5	1	1	-	-	7	-	5	1	-	1	-	1	-	-	-	1	-	-	-
A 74	INFLAMMATORY DISEASES OF THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND MASTOIDITIS	M	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 78	OTHER	M	36	2	6	-	-	2	3	1	-	21	-	1	6	3	11	-	7	-	-	-	4	3	-	-
		F	32	2	3	-	-	-	-	3	-	17	-	1	7	3	6	-	10	-	-	2	1	7	-	-
		T	68	4	9	-	-	2	3	4	-	38	-	2	13	6	17	-	17	-	-	2	5	10	-	-
	TOTAL (A70-A78)	M	603	13	93	2	10	17	23	41	-	336	-	9	52	85	190	-	155	-	-	7	22	126	-	6
		F	559	11	24	2	4	2	5	11	-	209	1	19	45	60	84	-	315	-	3	14	45	253	-	-
		T	1,162	24	117	4	14	19	28	52	-	545	1	28	97	145	274	-	470	-	3	21	67	379	-	6
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																									
	HEART DISEASE (A79-A83).																									
A 79	RHEUMATIC FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 80	CHRONIC RHEUMATIC	M	40	-	7	-	-	4	1	2	-	27	-	8	10	6	3	-	5	-	-	3	-	2	-	1
		F	46	-	6	1	1	2	1	1	-	27	-	3	19	5	-	-	12	-	-	5	4	3	-	1
		T	86	-	13	1	1	6	2	3	-	54	-	11	29	11	3	-	17	-	-	8	4	5	-	2
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	1,866	-	252	2	6	70	67	107	-	1,212	-	54	396	324	438	-	395	-	2	31	72	290	-	7
		F	887	-	38	-	-	9	10	19	-	285	2	9	67	103	104	-	564	-	-	35	102	427	-	-
		T	2,753	-	290	2	6	79	77	126	-	1,497	2	63	463	427	542	-	959	-	2	66	174	717	-	7
A 82	OTHER	M	121	1	24	-	1	3	3	17	-	59	-	1	14	6	38	-	37	-	2	3	3	29	-	-
		F	61	1	-	-	-	-	-	-	-	21	-	2	5	6	8	-	39	-	-	3	4	32	-	-
		T	182	2	24	-	1	3	3	17	-	80	-	3	19	12	46	-	76	-	2	6	7	61	-	-
A 83	HYPERTENSIVE	M	40	-	4	-	1	-	1	2	-	27	-	1	6	7	13	-	9	-	-	1	1	7	-	-
		F	47	-	2	-	-	-	1	1	-	20	-	-	2	10	8	-	25	-	-	1	4	20	-	-
		T	87	-	6	-	1	-	2	3	-	47	-	1	8	17	21	-	34	-	-	2	5	27	-	-
	TOTAL (A79-A83)	M	2,067	1	287	2	8	77	72	128	-	1,325	-	64	426	343	492	-	446	-	4	38	76	328	-	8
		F	1,041	1	46	1	1	11	12	21	-	353	2	14	93	124	120	-	640	-	-	44	114	482	-	1
		T	3,108	2	333	3	9	88	84	149	-	1,678	2	78	519	467	612	-	1,086	-	4	82	190	810	-	9
A 84	HYPERTENSION	M	28	-	1	-	-	-	-	1	-	14	-	-	7	1	6	-	13	-	-	-	-	13	-	-
		F	21	-	2	-	-	1	1	-	-	8	-	-	-	5	3	-	11	-	1	1	3	6	-	-
		T	49	-	3	-	-	1	1	1	-	22	-	-	7	6	9	-	24	-	1	1	3	19	-	-
A 85	ARTERIAL DISEASES	M	142	-	15	-	1	-	2	12	-	77	-	1	9	20	47	-	50	-	-	-	5	45	-	-
		F	99	-	4	-	-	1	-	3	-	16	-	2	5	3	6	-	79	-	-	-	6	73	-	-
		T	241	-	19	-	1	1	2	15	-	93	-	3	14	23	53	-	129	-	-	-	11	118	-	-
A 86	OTHER	M	40	-	6	-	1	3	1	1	-	26	-	1	7	8	10	-	8	-	-	1	2	5	-	-
		F	25	-	-	-	-	-	-	-	-	14	-	-	4	5	5	-	11	-	-	2	5	4	-	-
		T	65	-	6	-	1	3	1	1	-	40	-	1	11	13	15	-	19	-	-	3	7	9	-	-
	TOTAL (A79-A86)	M	2,277	1	309	2	10	80	75	142	-	1,442	-	66	449	372	555	-	517	-	4	39	83	391	-	8
		F	1,186	1	52	1	1	13	13	24	-	391	2	16	102	137	134	-	741	-	1	47	128	565	-	1
		T	3,463	2	361	3	11	93	[illegible]	166	-	1,833	2	82	551	509	689	-	1,258	-	5	86	211	956	-	9
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																									
A 87	ACUTE UPPER RESPIRATORY	M	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	5	4	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 88	INFLUENZA	M	28	1	7	-	-	-	2	5	-	8	-	2	-	1	5	-	12	-	-	-	-	12	-	-
		F	26	1	4	-	1	1	1	1	-	6	-	1	1	-	4	-	15	-	-	-	2	13	-	-
		T	54	2	11	-	1	1	3	6	-	14	-	3	1	1	9	-	27	-	-	-	2	25	-	-
	PNEUMONIA (A89-A91).																									
A 89	LOBAR	M	26	3	6	-	-	3	1	2	-	11	-	2	1	1	7	-	6	-	1	1	-	4	-	-
		F	5	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	-	-	-	3	-	-
		T	31	4	7	-	-	3	2	2	-	11	-	2	1	1	7	-	9	-	1	1	-	7	-	-
A 90	BRONCHO	M	125	14	27	1	1	1	4	20	-	38	-	1	6	8	23	-	45	-	-	-	4	41	-	1
		F	118	8	9	2	-	-	-	7	-	20	-	1	6	2	11	-	81	-	-	3	4	74	-	-
		T	243	22	36	3	1	1	4	27	-	58	-	2	12	10	34	-	126	-	-	3	8	115	-	1
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	75	15	12	1	-	-	7	4	-	31	-	-	9	6	16	-	16	-	-	-	2	14	-	1
		F	61	14	5	-	1	1	-	3	-	5	-	1	1	1	2	-	36	-	-	1	1	34	-	1
		T	136	29	17	1	1	1	7	7	-	36	-	1	10	7	18	-	52	-	-	1	3	48	-	2
	TOTAL (A89-A91)	M	226	32	45	2	1	4	12	26	-	80	-	3	16	15	46	-	67	-	1	1	6	59	-	2
		F	184	23	15	2	1	1	1	10	-	25	-	2	7	3	13	-	120	-	-	4	5	111	-	1
		T	410	55	60	4	2	5	13	36	-	105	-	5	23	18	59	-	187	-	1	5	11	170	-	3
	BRONCHITIS (A92, A93).																									
A 92	ACUTE	M	3	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	4	2	1	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
A 93	CHRONIC AND UNQUALIFIED	M	93	1	12	1	-	1	3	7	-	46	-	1	4	14	27	-	34	-	-	1	8	25	-	-
		F	17	2	-	-	-	-	-	-	-	7	-	-	3	2	2	-	8	-	-	-	-	8	-	-
		T	110	3	12	1	-	1	3	7	-	53	-	1	7	16	29	-	42	-	-	1	8	33	-	-
	TOTAL (A92, A93)	M	96	3	13	1	-	1	3	8	-	46	-	1	4	14	27	-	34	-	-	1	8	25	-	-
		F	18	2	-	-	-	-	-	-	-	8	-	-	3	3	2	-	8	-	-	-	-	8	-	-
		T	114	5	13	1	-	1	3	8	-	54	-	1	7	17	29	-	42	-	-	1	8	33	-	-
A 94	TONSILS AND ADENOIDS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 95	EMPYEMA AND LUNG ABSCESS	M	4	-	2	1	-	1	-	-	-	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-
		T	6	-	2	1	-	1	-	-	-	4	-	1	1	2	-	-	-	-	-	-	-	-	-	-
A 96	PLEURISY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 97	OTHER	M	103	4	20	-	4	5	3	8	-	57	-	-	9	22	26	-	22	-	1	2	7	12	-	-
		F	34	2	1	-	1	-	-	-	-	15	-	1	4	5	5	-	16	-	-	2	2	12	-	-
		T	137	6	21	-	5	5	3	8	-	72	-	1	13	27	31	-	38	-	1	4	9	24	-	-
	TOTAL (A87-A97)	M	460	43	87	4	5	11	20	47	-	193	-	6	30	53	104	-	135	-	2	4	21	108	-	2
		F	266	29	20	2	3	2	2	11	-	57	-	5	16	12	24	-	159	-	-	6	9	144	-	1
		T	726	72	107	6	8	13	22	[illegible]	-	250	-	11	46	65	128	-	294	-	2	10	30	252	-	3
	IX. DISEASES OF THE DIGESTIVE SYSTEM.																									
A 98	DISEASES OF THE TEETH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
A 99	ULCER OF THE STOMACH	M	16	-	-	-	-	-	-	-	-	12	-	1	3	4	4	-	4	-	-	-	-	4	-	-
		F	7	-	1	-	-	-	-	1	-	3	-	-	1	2	-	-	3	-	-	-	1	2	-	-
		T	23	-	1	-	-	-	-	1	-	15	-	1	4	6	4	-	7	-	-	-	1	6	-	-
A 100	ULCER OF THE DUODENUM	M	23	-	5	-	1	2	-	2	-	14	-	1	6	4	3	-	4	-	-	-	-	4	-	-
		F	6	-	-	-	-	-	-	-	-	3	-	1	-	2	-	-	3	-	-	-	1	2	-	-
		T	29	-	5	-	1	2	-	2	-	17	-	2	6	6	3	-	7	-	-	-	1	6	-	-

TABLE 9

DEATHS BY CAUSE AND SEX. RY MARITAI STATUS AND AGE, ALBERTA, 1968

LIST A NO. CAUSE OF DEATH INTERMEDIATE LIST [illegible] (SEVENTH REVISION)		TOTAL	UNDER 15 MOINS DE 15	SINGLE CELIBATAIRE							MARRIED MARIE							WIDOWED AND DIVORCED EN VEUVAGE ET DIVORCE							NOT STATED [illegible] DONNES
				TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	
A 101 GASTRITIS AND DUODENITIS ..	M	4	-	1	-	1	-	-	-	-	2	-	-	2	-	-	-	1	-	-	-	1	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	4	-	1	-	[illegible]	-	-	-	-	[illegible]	-	-	2	-	-	-	1	-	-	-	1	-	-	-
[illegible] 102 APPENDICITIS	M	3	-	2	-	-	1	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	F	4	2	1	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	T	7	2	3	1	-	1	1	-	-	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-
A 103 INTESTINAL OBSTRUCTION AND HERNIA	M	24	2	4	-	-	-	-	4	-	14	-	1	2	4	7	-	4	-	-	-	2	2	-	-
	F	20	3	-	-	-	-	-	-	-	6	-	1	3	1	1	-	11	-	-	-	[illegible]	8	-	-
	T	44	5	4	-	-	-	-	4	-	20	-	2	5	5	8	-	15	-	-	-	5	10	-	-
A 104 GASTRO-ENTERITIS AND ...... COLITIS	M	18	5	2	-	-	-	2	-	-	5	-	1	-	-	4	-	6	-	-	1	1	4	-	-
	F	24	4	1	1	-	-	-	-	-	8	-	[illegible]	4	-	3	-	11	-	-	-	4	7	-	-
	T	42	9	3	1	-	-	2	-	-	13	-	2	4	-	7	-	17	-	-	1	5	11	-	-
A 105 CIRRHOSIS OF LIVER	M	50	1	11	-	3	2	2	4	-	30	-	4	22	2	2	-	8	-	-	[illegible]	3	4	-	-
	F	33	-	3	1	2	-	-	-	-	20	-	6	12	2	-	-	10	-	-	6	1	3	-	-
	T	83	1	14	1	5	[illegible]	2	4	-	50	-	10	34	4	2	-	18	-	-	7	4	7	-	-
A 106 CHOLELITHIASIS AND CHOLECYSTITIS	M	19	-	1	-	-	-	-	1	-	14	-	-	4	4	6	-	4	-	-	-	-	4	-	-
	F	32	-	-	-	-	-	-	-	-	10	-	1	4	1	4	-	22	-	-	1	2	19	-	-
	T	51	-	1	-	-	-	-	1	-	24	-	1	8	5	10	-	26	-	-	1	2	23	-	-
A 107 OTHER	M	43	4	6	2	2	-	1	1	-	27	-	[illegible]	7	8	7	-	5	-	-	-	2	3	-	1
	F	35	1	2	2	-	-	-	-	-	16	-	4	5	1	6	-	16	-	-	2	4	10	-	-
	T	78	5	8	4	2	-	1	1	-	43	-	9	12	9	13	-	21	-	-	[illegible]	6	13	-	1
TOTAL (A98-A107).	M	[illegible]	12	32	2	7	5	6	12	-	119	-	13	47	26	33	-	36	-	-	2	9	25	-	1
	F	162	10	8	5	2	-	-	1	-	68	-	16	29	9	14	-	76	-	-	[illegible]	16	51	-	-
	T	362	22	40	7	[illegible]	[illegible]	6	13	-	187	-	29	76	35	47	-	112	-	-	11	25	76	-	1
X. DISEASES OF THE GENITO-URINARY SYSTEM.																									
[illegible] 108 ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 109 CHRONIC AND OTHER NEPHRITIS	M	17	-	1	-	-	-	-	1	-	16	-	1	7	2	6	-	-	-	-	-	-	-	-	-
	F	24	3	-	-	-	-	-	-	-	14	1	4	5	2	2	-	6	-	-	-	3	3	-	1
	T	41	3	1	-	-	-	-	[illegible]	-	30	1	5	12	4	8	-	6	-	-	-	3	3	-	1
A 110 INFECTIONS OF KIDNEY	M	15	2	-	-	-	-	-	-	-	9	-	-	3	2	4	-	4	-	-	-	-	4	-	-
	F	12	-	-	-	-	-	-	-	-	5	-	2	2	-	1	-	7	-	-	-	1	6	-	-
	T	27	2	-	-	-	-	-	-	-	14	-	2	5	2	5	-	11	-	-	-	1	10	-	-
A 111 CALCULI	M	5	-	2	-	-	1	-	1	-	3	-	-	-	1	2	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	5	-	2	-	-	1	-	1	-	3	-	-	-	1	2	-	-	-	-	-	-	-	-	-
A 112 HYPERPLASIA OF PROSTATE ...	M	22	-	3	-	-	-	-	3	-	12	-	-	-	1	11	-	7	-	-	-	1	6	-	-
[illegible] 113 BREAST	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114 OTHER	M	19	-	6	2	-	-	3	1	-	6	-	-	2	3	1	-	7	-	-	-	1	6	-	-
	F	8	-	1	1	-	-	-	-	-	[illegible]	-	3	2	-	-	-	2	-	-	-	-	2	-	-
	T	27	-	7	3	-	-	3	1	-	11	-	3	4	3	1	-	9	-	-	-	[illegible]	8	-	-
TOTAL (A108-A114).	M	78	2	12	2	-	1	3	[illegible]	-	46	-	1	12	9	24	-	18	-	-	-	[illegible]	16	-	-
	F	45	4	1	1	-	-	-	-	-	24	1	[illegible]	9	2	3	-	15	-	-	-	4	11	-	1
	T	123	6	13	3	-	[illegible]	3	6	-	70	1	10	21	11	27	-	33	-	-	-	[illegible]	27	-	1
XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, [illegible] PUERPERIUM.																									
A 115 SEPSIS	F	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
[illegible] 116 TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117 HAEMORRHAGE	F	3	-	-	-	-	-	-	-	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
A 118 ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	2	-	1	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
A 119 ABORTION WITH SEPSIS	F	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
[illegible] 120 OTHER	F	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL (A115-A120).	F	8	-	1	-	1	-	-	-	-	7	1	6	-	-	-	-	-	-	-	-	-	-	-	-
XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																									
A 121 SKIN INFECTIONS	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122 ARTHRITIS AND SPONDYLITIS	[illegible]	6	-	2	-	-	-	1	1	-	2	-	-	1	1	-	-	2	-	-	-	1	1	-	-
	F	8	-	2	-	-	2	-	-	-	3	-	-	1	1	1	-	3	-	-	1	-	2	-	-
	T	14	-	4	-	-	2	1	[illegible]	-	5	-	-	2	2	1	-	5	-	-	1	1	3	-	-
A 123 RHEUMATISM	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A 124 OSTEOMYELITIS	M	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	[illegible]	-	-	-	-
A 125 ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	F	2	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	3	1	1	-	[illegible]	-	-	-	-	[illegible]	-	-	1	-	-	-	-	-	-	-	-	-	-	-
[illegible] 126 OTHER	M	8	-	2	2	-	-	-	-	-	4	-	[illegible]	2	-	1	-	2	-	-	-	-	2	-	-
	F	8	1	1	-	-	1	-	-	-	4	-	1	2	1	-	-	2	-	-	-	-	2	-	-
	T	16	1	3	2	-	[illegible]	-	-	-	8	-	2	4	1	1	-	4	-	-	-	-	4	-	-
TOTAL (A121-A126).	M	17	1	4	2	-	-	1	1	-	7	-	1	4	1	1	-	5	-	-	1	1	3	-	-
	F	19	2	4	-	1	[illegible]	-	-	-	[illegible]	-	1	3	2	2	-	5	-	-	1	-	4	-	-
	T	36	3	8	2	1	3	1	1	-	15	-	2	7	3	3	-	10	-	-	2	1	7	-	-
XIV. CONGENITAL MALFORMATIONS.																									
A 127 SPINA BIFIDA AND MENINGOCELE.																									
A WITHOUT HYDROCEPHALUS	M	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B WITH HYDROCEPHALUS	M	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL (A127).	M	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 128 CIRCULATORY SYSTEM	M	33	31	1	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	F	28	24	1	1	-	-	-	-	-	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-
	T	61	55	2	2	-	-	-	-	-	4	-	2	1	-	1	-	-	-	-	-	-	-	-	-
A 129 OTHER	M	31	27	1	-	1	-	-	-	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-
	F	21	20	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	T	52	47	1	-	[illegible]	-	-	-	-	[illegible]	-	-	3	1	-	-	-	-	-	-	-	-	-	-
TOTAL (A127-A129).	M	72	66	2	1	1	-	-	-	-	4	-	-	3	-	1	-	-	-	-	-	-	-	-	-
	F	58	53	1	1	-	-	-	-	-	4	-	2	1	1	-	-	-	-	-	-	-	-	-	-
	T	130	119	3	2	1	-	-	-	-	8	-	2	4	1	1	-	-	-	-	-	-	-	-	-
XV. DISEASES OF EARLY INFANCY.																									
A 130 BIRTH INJURY	M	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	47	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 131 POSTNATAL ASPHYXIA AND .... ATELECTASIS	M	51	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	82	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 132 INFECTIONS OF NEWBORN	M	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 133 ERYTHROBLASTOSIS	M	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 134 OTHER DEFINED	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 9

DEATHS BY CAUSE AND SEX, BY MARITAL STATUS AND AGE, ALBERTA, 1968

LIST NO. CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	UNDER 15 MOINS DE 15	SINGLE CELIBATAIRE							MARRIED MARIE							WIDOWED AND DIVORCED EN VEUVAGE ET DIVORCE							NOT STATED NON DONNES
				TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	TOTAL	15-24	25-44	45-64	65-74	75	N.S.	
A 135 ILL-DEFINED	M	115	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	112	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	227	227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL (A130-A135)	M	210	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	169	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	379	379	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.																									
A 136 SENILITY WITHOUT PSYCHOSIS	M	33	-	10	-	-	-	1	9	-	13	-	-	-	-	13	-	9	-	-	-	-	9	-	1
	F	15	-	2	-	-	-	-	2	-	2	-	-	-	-	2	-	11	-	-	-	-	11	-	-
	T	48	-	12	-	-	-	1	11	-	15	-	-	-	-	15	-	20	-	-	-	-	20	-	1
A 137 ILL-DEFINED AND UNKNOWN	M	142	1	27	1	2	3	10	11	-	74	-	6	31	18	19	-	33	-	-	4	3	26	-	7
	F	72	[illegible]	2	-	-	-	-	2	-	25	1	3	13	[illegible]	6	-	44	-	-	9	9	26	-	-
	T	214	2	29	1	2	3	10	13	-	99	1	[illegible]	44	20	25	-	77	-	-	13	12	52	-	7
TOTAL (A136, A137)	M	175	1	37	1	2	3	11	20	-	87	-	[illegible]	31	18	32	-	42	-	-	4	3	35	-	[illegible]
	F	87	1	4	-	-	-	-	4	-	27	1	3	13	2	[illegible]	-	55	-	-	9	9	37	-	-
	T	262	[illegible]	41	[illegible]	[illegible]	3	11	24	-	114	1	9	44	20	40	-	97	-	-	13	12	72	-	[illegible]
XVII. ACCIDENTS, POISONINGS AND VIOLENCE.																									
EXVII. EXTERNAL CAUSE.																									
AE 138 MOTOR VEHICLE ACCIDENTS.																									
A TRAFFIC (810-825)	M	298	22	130	96	24	[illegible]	4	1	-	127	9	61	39	[illegible]	9	-	17	[illegible]	4	3	2	6	-	2
	F	120	16	36	31	1	3	-	1	-	58	12	19	20	7	-	-	10	1	1	2	3	3	-	-
	T	418	38	166	127	25	8	4	2	-	185	21	80	59	16	9	-	27	3	5	5	5	9	-	2
B NON-TRAFFIC	M	10	5	2	2	-	-	-	-	-	3	1	1	-	-	1	-	-	-	-	-	-	-	-	-
	F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	11	[illegible]	[illegible]	2	-	-	-	-	-	3	1	1	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL (AE138)	M	308	27	132	[illegible]	24	5	4	1	-	130	10	62	39	9	10	-	17	2	4	3	2	6	-	2
	F	121	17	36	31	1	3	-	1	-	58	12	19	20	7	-	-	10	1	1	2	3	3	-	-
	T	429	44	168	129	25	8	4	2	-	188	22	81	59	16	10	-	27	3	5	5	5	9	-	2
AE 139 OTHER TRANSPORT ACCIDENTS.																									
A DROWNINGS INVOLVING SMALL BOATS (850)	M	7	[illegible]	3	1	2	-	-	-	-	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	7	1	3	1	2	-	-	-	-	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-
B DROWNINGS INVOLVING OTHER WATERCRAFT (851)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C OTHER TRANSPORT	M	21	2	7	-	4	3	-	-	-	12	-	4	8	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	23	2	9	1	4	4	-	-	-	12	-	[illegible]	8	-	-	-	-	-	-	-	-	-	-	-
TOTAL (AE139)	M	28	3	10	1	[illegible]	3	-	-	-	15	1	5	9	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	30	3	12	2	[illegible]	4	-	-	-	15	1	[illegible]	9	-	-	-	-	-	-	-	-	-	-	-
AE 140 ACCIDENTAL POISONING	M	46	4	16	8	7	1	-	-	-	25	-	15	8	2	-	-	1	-	-	-	[illegible]	-	-	-
	F	21	1	4	2	1	1	-	-	-	10	1	7	1	1	-	-	6	-	1	4	-	1	-	-
	T	67	5	20	10	8	2	-	-	-	35	1	22	9	3	-	-	7	-	1	4	1	1	-	-
AE 141 ACCIDENTAL FALLS	M	63	4	17	5	3	3	2	4	-	31	1	5	7	[illegible]	10	-	11	-	1	4	-	[illegible]	-	-
	F	58	5	3	-	2	-	-	1	-	11	-	-	2	4	5	-	39	-	1	1	1	36	-	-
	T	121	9	20	5	5	3	2	5	-	42	1	5	[illegible]	12	15	-	50	-	2	5	1	42	-	-
AE 142 ACCIDENT CAUSED BY MACHINERY	M	35	3	11	3	4	4	-	-	-	21	2	10	6	1	2	-	-	-	-	-	-	-	-	-
	F	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
	T	38	5	11	3	4	4	-	-	-	21	2	10	[illegible]	[illegible]	2	-	[illegible]	-	-	-	-	1	-	-
AE 143 ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	33	13	7	1	4	-	1	1	-	12	1	1	5	2	3	-	1	-	-	-	-	1	-	-
	F	23	8	[illegible]	1	1	-	-	-	-	7	3	-	4	-	-	-	[illegible]	-	-	1	1	4	-	-
	T	56	21	9	2	5	-	1	1	-	19	4	1	9	2	3	-	7	-	-	1	1	5	-	-
AE 144 OTHER ACCIDENTAL BURNS	M	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
AE 145 ACCIDENT CAUSED BY FIREARM	M	12	4	3	1	[illegible]	-	-	-	-	[illegible]	-	3	1	1	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	12	4	3	1	[illegible]	-	-	-	-	5	-	3	1	1	-	-	-	-	-	-	-	-	-	-
AE 146 ACCIDENTAL DROWNING	M	32	[illegible]	11	[illegible]	[illegible]	[illegible]	-	-	-	10	1	5	3	1	-	-	2	-	[illegible]	-	-	1	-	-
	F	7	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	[illegible]	-	-	-
	T	39	14	12	9	2	1	-	-	-	10	1	5	3	1	-	-	[illegible]	-	1	-	1	1	-	-
AE 147 ALL OTHER ACCIDENTAL CAUSES	M	73	25	16	9	1	4	1	[illegible]	-	25	2	13	6	1	3	-	[illegible]	-	1	-	4	1	-	1
	F	21	13	2	2	-	-	-	-	-	[illegible]	-	3	2	-	-	-	[illegible]	-	-	-	-	1	-	-
	T	94	38	18	11	1	4	1	1	-	30	2	16	8	1	[illegible]	-	7	-	1	-	4	2	-	1
TOTAL (AE138-AE147)	M	631	92	223	134	53	21	[illegible]	7	-	275	18	120	84	25	28	-	38	2	7	7	7	15	-	3
	F	256	51	50	38	5	5	-	[illegible]	-	91	16	29	29	12	[illegible]	-	64	1	3	8	6	46	-	-
	T	887	143	273	172	58	26	[illegible]	9	-	366	34	149	113	37	33	-	102	3	10	15	13	61	-	3
AE 148 SUICIDE	M	119	3	45	21	13	[illegible]	1	2	-	62	[illegible]	27	24	2	1	-	9	-	2	4	-	3	-	-
	F	36	-	7	2	4	[illegible]	-	-	-	22	1	17	4	-	-	-	7	-	3	[illegible]	-	1	-	-
	T	155	3	52	23	17	9	1	2	-	84	[illegible]	44	28	2	1	-	16	-	5	7	-	4	-	-
AE 149 HOMICIDE	M	12	3	[illegible]	-	5	[illegible]	-	-	-	2	1	-	1	-	-	-	1	-	-	1	-	-	-	-
	F	10	-	1	[illegible]	-	-	-	-	-	8	-	8	-	-	-	-	1	-	1	-	-	-	-	-
	T	22	3	7	1	5	[illegible]	-	-	-	10	1	8	1	-	-	-	[illegible]	-	1	1	-	-	-	-
AE 150 WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL (AE138-AE150)	M	762	98	274	155	71	30	[illegible]	9	-	339	27	147	109	27	29	-	48	2	9	12	7	18	-	3
	F	302	51	58	41	9	6	-	2	-	121	17	54	33	12	5	-	72	1	7	11	6	47	-	-
	T	1,064	149	332	196	[illegible]	36	9	11	-	460	44	201	142	39	34	-	120	[illegible]	16	23	13	65	-	3
NXVII. NATURE OF INJURY.																									
AN 138 FRACTURE OF SKULL	M	134	14	54	33	10	7	[illegible]	1	-	59	5	30	15	6	3	-	6	-	1	4	-	1	-	1
	F	44	8	13	11	1	1	-	-	-	19	[illegible]	4	6	3	-	-	4	1	-	-	-	3	-	-
	T	178	22	67	44	11	8	[illegible]	1	-	78	11	34	21	9	3	-	10	1	1	4	-	4	-	1
AN 139 FRACTURE OF SPINE AND TRUNK	M	41	1	16	8	6	1	1	-	-	20	-	[illegible]	[illegible]	2	3	-	4	-	-	1	-	3	-	-
	F	12	1	3	2	1	-	-	-	-	8	1	1	4	2	-	-	-	-	-	-	-	-	-	-
	T	53	2	19	10	7	1	1	-	-	28	1	10	10	4	3	-	4	-	-	1	-	3	-	-
AN 140 FRACTURE OF LIMBS	M	25	-	7	2	1	1	-	3	-	10	1	-	1	1	7	-	8	-	1	-	2	5	-	-
	F	47	-	4	2	-	1	-	1	-	7	-	-	-	3	4	-	36	-	-	2	1	33	-	-
	T	72	-	11	4	1	2	-	4	-	17	1	-	1	4	11	-	44	-	1	2	3	38	-	-
AN 141 DISLOCATION WITHOUT FRACTURE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142 SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143 OTHER HEAD INJURY	M	96	12	43	27	6	6	1	3	-	37	6	13	13	4	1	-	3	-	-	1	-	[illegible]	-	1
	F	27	[illegible]	6	4	1	-	-	1	-	10	1	6	3	-	-	-	5	-	2	-	-	3	-	-
	T	123	18	49	31	7	6	1	4	-	47	7	19	16	4	1	-	8	-	2	1	-	5	-	1
AN 144 INTERNAL INJURY	M	229	16	87	55	22	9	1	-	-	113	10	48	38	8	9	-	12	2	2	4	2	2	-	1
	F	62	9	13	11	-	2	-	-	-	33	3	15	11	3	1	-	7	-	1	1	3	2	-	-
	T	291	25	100	66	22	11	1	-	-	146	13	63	49	11	10	-	19	2	3	5	5	4	-	1
AN 145 OPEN WOUNDS	M	14	-	9	1	6	2	-	-	-	5	-	3	2	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	1	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	T	16	-	10	2	6	2	-	-	-	6	-	4	2	-	-	-	-	-	-	-	-	-	-	-
AN 146 SUPERFICIAL INJURY AND CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 147 FOREIGN BODY THROUGH ORIFICE	M	14	7	1	1	-	-	-	-	-	4	-	3	-	1	-	-	[illegible]	-	2	-	-	-	-	-
	F	14	8	-	-	-	-	-	-	-	5	1	3	1	-	-	-	1	-	-	1	-	-	-	-
	T	28	15	1	1	-	-	-	-	-	9	1	6	1	1	-	-	3	-	2	1	-	-	-	-
AN 148 BURNS	M	37	14	6	1	4	-	-	1	-	16	1	4	5	2	4	-	1	-	-	-	-	1	-	-
	F	20	8	1	1	-	-	-	-	-	7	3	-	4	-	-	-	4	-	-	1	-	3	-	-
	T	57	22	7	2	4	-	-	1	-	23	4	4	9	2	4	-	5	-	-	1	-	4	-	-
AN 149 POISONINGS	M	74	4	22	12	8	2	-	-	-	44	2	24	16	2	-	-	4	-	2	1	1	-	-	-
	F	41	1	9	3	5	1	-	-	-	22	1	18	[illegible]	1	-	-	9	-	3	4	-	2	-	-
	T	115	5	31	15	13	3	-	-	-	66	3	42	18	3	-	-	13	-	5	5	1	2	-	-
AN 150 OTHER	M	98	30	29	15	[illegible]	2	3	1	-	31	2	13	13	1	2	-	8	-	1	1	2	4	-	-
	F	33	10	[illegible]	6	1	1	-	-	-	9	1	6	2	-	-	-	6	-	1	2	2	[illegible]	-	-
	T	131	40	37	21	9	3	3	1	-	40	3	19	15	1	2	-	14	-	2	3	4	5	-	-
TOTAL (AN138-AN150)	M	762	[illegible]	274	155	71	30	9	9	-	339	27	147	109	27	29	-	48	2	[illegible]	12	7	18	-	3
	F	302	51	58	41	9	6	-	2	-	121	17	54	33	12	5	-	72	1	7	11	6	47	-	-
	T	1,064	149	332	196	80	36	9	11	-	460	44	201	142	39	34	-	120	3	16	23	13	65	-	3
ALL CAUSES	M	6,101	485	1,010	186	120	195	175	334	-	3,406	30	309	1,017	838	1,212	-	1,164	2	16	93	180	873	-	36
	F	3,862	359	230	62	30	44	34	60	-	1,430	25	225	500	334	346	-	1,840	1	12	167	326	1,334	-	3
	T	9,963	844	1,240	248	150	239	209	394	-	4,836	55	534	1,517	1,172	1,558	-	3,004	3	28	260	506	2,207	-	39

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	I. INFECTIVE AND PARASITIC DISEASES.														
	TUBERCULOSIS (A1-A5).														
A 1	RESPIRATORY.														
	A ACTIVE	M	8	–	1	1	–	2	1	2	–	1	–	–	–
		F	3	–	–	1	–	–	–	–	–	–	2	–	–
		T	11	–	1	2	–	2	1	2	–	1	2	–	–
	B INACTIVE (002.2, 008.2) ..	M	4	1	–	1	–	1	1	–	–	–	–	–	–
		F	3	–	1	–	1	–	–	–	1	–	–	–	–
		T	7	1	1	1	1	1	1	–	1	–	–	–	–
	TOTAL (A1).	M	12	1	1	2	–	3	2	2	–	1	–	–	–
		F	6	–	1	1	1	–	–	–	1	–	2	–	–
		T	18	1	2	3	1	3	2	2	1	1	2	–	–
A 2	MENINGES AND CENTRAL ...... NERVOUS SYSTEM	M	1	–	–	–	–	–	–	–	1	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	–	1	–	–	–	–
A 3	INTESTINE, PERITONEUM AND MESENTERY	M	1	–	–	–	–	–	–	1	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	1	–	–	–	–	–
A 4	BONE AND JOINT	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 5	OTHER FORMS	M	3	–	–	1	–	–	2	–	–	–	–	–	–
		F	1	–	–	–	–	–	1	–	–	–	–	–	–
		T	4	–	–	1	–	–	3	–	–	–	–	–	–
	TOTAL (A1-A5).	M	17	1	1	3	–	3	4	3	1	1	–	–	–
		F	7	–	1	1	1	–	1	–	1	–	2	–	–
		T	24	1	2	4	1	3	5	3	2	1	2	–	–
	SYPHILIS (A6-A10).														
A 6	CONGENITAL	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 7	EARLY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 8	TABES DORSALIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 9	GENERAL PARESIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 10	OTHERS	M	3	–	–	–	–	–	2	–	–	1	–	–	–
		F	1	–	–	–	1	–	–	–	–	–	–	–	–
		T	4	–	–	–	1	–	2	–	–	1	–	–	–
	TOTAL (A6-A10).	M	3	–	–	–	–	–	2	–	–	1	–	–	–
		F	1	–	–	–	1	–	–	–	–	–	–	–	–
		T	4	–	–	–	1	–	2	–	–	1	–	–	–
A 11	GONOCOCCAL INFECTION	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 12	TYPHOID	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 13	PARATYPHOID AND OTHER ..... SALMONELLA	M	1	–	–	–	–	–	–	–	–	1	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	1	–	–
		T	2	–	–	–	–	–	–	–	–	1	1	–	–
A 14	CHOLERA	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 15	BRUCELLOSIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 16	DYSENTERY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 17	SCARLET FEVER	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	1	–	–	–	–	–	–	–	–	–	–	–
		T	1	1	–	–	–	–	–	–	–	–	–	–	–
A 18	STREPTOCOCCAL SORE THROAT	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
A 19	ERYSIPELAS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 20	SEPTICAEMIA AND PYAEMIA ...	M	2	–	–	–	1	–	–	–	1	–	–	–	–
		F	3	–	1	–	–	–	–	1	–	–	–	1	–
		T	5	–	1	–	1	–	–	1	1	–	–	1	–
A 21	DIPHTHERIA	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 22	WHOOPING COUGH	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 23	MENINGOCOCCAL INFECTIONS ..	M	2	–	–	–	2	–	–	–	–	–	–	–	–
		F	2	–	–	–	–	–	1	–	–	–	–	–	1
		T	4	–	–	–	2	–	1	–	–	–	–	–	1
A 24	PLAGUE	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 25	LEPROSY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 26	TETANUS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 27	ANTHRAX	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 28	ACUTE POLIOMYELITIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 29	ACUTE ENCEPHALITIS	M	1	–	–	–	–	–	–	–	–	1	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	–	–	–	–	–	–	–	–	1	–	–	–
A 30	LATE EFFECTS OF POLIO- .... MYELITIS AND ENCEPHALITIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	–	1
		T	1	–	–	–	–	–	–	–	–	–	–	–	1
A 31	SMALLPOX	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 32	MEASLES	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 33	YELLOW FEVER	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 34	INFECTIOUS HEPATITIS	M	2	–	–	1	–	–	1	–	–	–	–	–	–
		F	4	–	1	–	–	–	1	–	–	1	1	–	–
		T	6	–	1	1	–	–	2	–	–	1	1	–	–
A 35	RABIES	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 36	TYPHUS AND OTHER RICKETT- SIAL DISEASES	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 37	MALARIA	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 38	SCHISTOSOMIASIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 39	HYDATID DISEASE	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 40	FILARIASIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 41	ANKYLOSTOMIASIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
A 43	OTHER	M	8	1	2	2	–	–	–	–	2	–	–	1	–
		F	5	–	–	1	–	1	–	–	1	–	2	–	–
		T	13	1	2	3	–	1	–	–	3	–	2	1	–
	TOTAL (A1–A43).	**M**	**36**	**2**	**3**	**6**	**3**	**3**	**7**	**3**	**4**	**4**	**–**	**1**	**–**
		F	**25**	**1**	**3**	**2**	**2**	**1**	**3**	**1**	**2**	**1**	**6**	**1**	**2**
		T	**61**	**3**	**6**	[illegible]	**5**	**4**	**10**	**4**	**6**	**5**	**6**	**2**	**2**
	II. NEOPLASMS.														
	MALIGNANT NEOPLASMS (A44–A59)														
A 44	BUCCAL CAVITY AND PHARYNX	M	16	2	1	2	1	–	–	3	1	–	1	2	3
		F	5	–	–	–	1	–	–	–	1	1	1	–	1
		T	21	2	1	2	2	–	–	3	2	1	2	2	4
A 45	OESOPHAGUS	M	20	3	1	–	–	1	1	3	2	2	4	1	2
		F	3	1	–	–	–	–	–	–	–	–	–	1	1
		T	23	4	1	–	–	1	1	3	2	2	4	2	3
A 46	STOMACH	M	136	9	8	16	11	9	12	11	12	5	13	18	12
		F	48	4	–	5	4	5	3	1	5	5	7	6	3
		T	184	13	8	21	15	14	15	12	17	10	20	24	15
A 47	INTESTINE, EXCEPT RECTUM ..	M	84	6	6	4	7	6	4	17	6	6	6	7	9
		F	98	9	6	7	10	5	7	9	15	9	10	5	6
		T	182	15	12	11	17	11	11	26	21	15	16	12	15
A 48	RECTUM	M	50	5	3	2	5	3	4	3	5	5	6	4	5
		F	36	1	3	5	1	3	3	2	2	3	6	5	2
		T	86	6	6	7	6	6	7	5	7	8	12	9	7
A 49	LARYNX	M	4	–	–	1	–	–	2	1	–	–	–	–	–
		F	2	–	–	–	–	–	–	–	1	1	–	–	–
		T	6	–	–	1	–	–	2	1	1	1	–	–	–
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	202	15	16	14	16	14	20	12	16	13	19	25	22
		F	31	3	1	3	2	3	2	5	4	3	2	3	–
		T	233	18	17	17	18	17	22	17	20	16	21	28	22
A 51	BREAST	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	163	17	7	18	15	12	13	12	12	12	16	9	20
		T	163	17	7	18	15	12	13	12	12	12	16	9	20
A 52	CERVIX UTERI	F	33	1	4	4	–	2	6	6	3	1	2	1	3
A 53	UTERUS, OTHER PARTS	F	20	3	3	2	2	3	1	–	1	2	1	–	2
A 54	PROSTATE	M	116	10	7	7	12	9	11	7	12	8	12	10	11
A 55	SKIN	M	14	1	2	–	2	3	2	1	1	–	1	1	–
		F	18	1	–	–	1	–	1	1	1	1	5	6	1
		T	32	2	2	–	3	3	3	2	2	1	6	7	1
A 56	BONE AND CONNECTIVE TISSUE	M	8	–	–	–	1	2	–	1	2	1	–	1	–
		F	6	1	–	1	–	–	–	–	–	1	–	3	–
		T	14	1	–	1	1	2	–	1	2	2	–	4	–
A 57	OTHER AND UNSPECIFIED SITES.														
	A DIGESTIVE ORGANS .... (155–159)	M	114	13	18	9	8	7	9	6	10	9	8	7	10
		F	79	8	4	11	6	5	6	7	4	10	6	6	6
		T	193	21	22	20	14	12	15	13	14	19	14	13	16
	B RESPIRATORY ORGANS .... (160, 164, 165)	M	1	–	–	–	1	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	1	–	–
		T	2	–	–	–	1	–	–	–	–	–	1	–	–
	C URINARY ORGANS .... (180, 181)	M	62	3	4	6	8	5	3	4	7	6	3	2	11
		F	25	2	3	–	2	3	4	–	2	5	2	–	2
		T	87	5	7	6	10	8	7	4	9	11	5	2	13
	D BRAIN AND NERVOUS SYSTEM (193)	M	36	5	4	1	5	3	2	2	2	–	3	6	3
		F	23	1	2	2	3	2	5	2	1	2	1	2	–
		T	59	6	6	3	8	5	7	4	3	2	4	8	3
	E OTHER	M	59	5	6	5	4	4	5	5	3	4	6	5	7
		F	139	14	7	19	9	13	14	4	11	7	11	16	14
		T	198	19	13	24	13	17	19	9	14	11	17	21	21
	TOTAL (A57).	M	272	26	32	21	26	19	19	17	22	19	20	20	31
		F	267	25	16	32	20	23	29	13	18	24	21	24	22
		T	539	51	48	53	46	42	48	30	40	43	41	44	53
A 58	LEUKAEMIA AND ALEUKAEMIA ..	M	62	8	5	2	7	6	4	3	3	6	5	6	7
		F	38	7	6	1	2	4	2	4	2	2	2	3	3
		T	100	15	11	3	9	10	6	7	5	8	7	9	10
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.														
	A HODGKIN S (201)	M	21	–	2	1	2	5	–	1	1	–	2	4	3
		F	12	1	–	1	1	5	–	1	–	–	–	2	1
		T	33	1	2	2	3	10	–	2	1	–	2	6	4
	B OTHER	M	37	2	3	5	2	3	–	2	6	4	2	5	3
		F	28	4	5	2	6	2	3	1	–	1	2	–	2
		T	65	6	[illegible]	7	8	5	3	3	6	5	4	5	5

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	TOTAL (A59).	M	58	2	5	6	4	8	-	3	7	4	4	9	6
		F	40	5	5	3	7	7	3	2	-	1	2	2	3
		T	98	7	10	9	11	15	3	5	7	5	6	11	9
	TOTAL (A44-A59).	M	1,042	87	86	75	92	80	79	82	89	69	91	104	108
		F	808	78	51	81	65	67	70	55	65	66	75	68	67
		T	1,850	165	137	156	157	147	149	137	154	135	166	172	175
A 60	BENIGN AND UNSPECIFIED	M	14	1	1	1	1	2	-	3	1	1	-	1	2
		F	14	1	2	1	-	1	1	3	-	4	-	-	1
		T	28	2	3	2	1	3	1	6	1	5	-	1	3
	TOTAL (A44-A60).	**M**	**1,056**	**88**	**87**	**76**	**93**	**82**	**79**	**85**	**90**	**70**	**91**	**105**	**110**
		F	**822**	**79**	**53**	**82**	**65**	**68**	**71**	**58**	**65**	**70**	**75**	**68**	**68**
		T	**1,878**	**167**	**140**	**158**	**158**	**150**	**150**	**143**	**155**	**140**	**166**	**173**	**178**
	III, IV. ALLERGIC, ENDOCRINE METABOLIC AND BLOOD DISEASES														
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-
		T	1	-	-	-	-	-	1	-	-	-	-	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	100	12	7	6	2	3	8	9	6	8	12	16	11
		F	104	5	8	5	7	11	9	7	13	9	9	13	8
		T	204	17	15	11	9	14	17	16	19	17	21	29	19
A 64	NUTRITIONAL DEFICIENCY STATES	M	2	-	-	-	-	-	-	-	-	1	-	1	-
		F	1	-	-	1	-	-	-	-	-	-	-	-	-
		T	3	-	-	1	-	-	-	-	-	1	-	1	-
A 65	ANAEMIAS	M	6	2	-	-	1	-	-	1	2	-	-	-	-
		F	7	-	2	-	-	1	-	-	3	-	-	1	-
		T	13	2	2	-	1	1	-	1	5	-	-	1	-
A 66	OTHER	M	29	3	2	1	2	-	3	2	7	2	4	2	1
		F	34	2	3	3	-	3	4	2	-	4	6	2	5
		T	63	5	5	4	2	3	7	4	7	6	10	4	6
	TOTAL (A61-A66).	**M**	**137**	**17**	**9**	**7**	**5**	**3**	**21**	**12**	**15**	**11**	**16**	**19**	**12**
		F	**147**	**7**	**13**	**9**	**7**	**15**	**14**	**9**	**16**	**13**	**15**	**16**	**13**
		T	**284**	**24**	**22**	**16**	**12**	**18**	**25**	**21**	**31**	**24**	**31**	**35**	**25**
	V. MENTAL, PSYCHONEUROTIC AN PERSONALITY DISORDERS.														
A 67	PSYCHOSES	M	3	-	-	-	-	-	1	1	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	1	1	1	-	-	-	-
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	13	-	1	-	-	4	3	1	2	-	-	1	1
		F	7	-	-	1	2	2	-	-	1	-	-	-	1
		T	20	-	1	1	2	6	3	1	3	-	-	1	2
A 69	MENTAL DEFICIENCY	M	2	-	-	1	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	1	-	-	1	-	-	-	-	-	-
	TOTAL (A67-A69).	**M**	**18**	**-**	**1**	**1**	**-**	**4**	**5**	**2**	**3**	**-**	**-**	**1**	**1**
		F	**7**	**-**	**-**	**1**	**2**	**2**	**-**	**-**	**1**	**-**	**-**	**-**	**1**
		T	**25**	**-**	**1**	**2**	**2**	**6**	**5**	**2**	**4**	**-**	**-**	**1**	**2**
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.														
A 70	CEREBROVASCULAR LESIONS	M	527	45	35	47	54	46	32	38	33	45	52	48	52
		F	503	38	45	38	44	37	54	42	33	45	47	37	43
		T	1,030	83	80	85	98	83	86	80	66	90	99	85	95
A 71	NON-MENINGOCOCCAL MENINGITIS	M	10	-	-	1	-	2	-	2	2	1	-	1	1
		F	4	-	1	-	-	-	-	-	-	2	-	-	1
		T	14	-	1	1	-	2	-	2	2	3	-	1	2
A 72	MULTIPLE SCLEROSIS	M	15	1	1	2	-	1	2	1	1	-	-	2	4
		F	8	-	-	1	2	1	1	-	-	1	1	-	1
		T	23	1	1	3	2	2	3	1	1	1	1	2	5
A 73	EPILEPSY	M	14	3	-	1	-	1	2	-	2	3	-	2	-
		F	11	2	2	2	2	1	-	1	-	1	-	-	-
		T	25	5	2	3	2	2	2	1	2	4	-	2	-
A 74	INFLAMMATORY DISEASES OF THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
A 77	OTITIS MEDIA AND MASTOIDITIS	M	1	–	–	–	–	–	–	1	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	–	–	1
		T	2	–	–	–	–	–	–	1	–	–	–	–	1
A 78	OTHER	M	36	4	3	3	–	5	1	5	2	5	2	1	5
		F	32	4	3	2	4	1	2	2	1	4	3	–	6
		T	68	8	6	5	4	6	3	7	3	9	5	1	11
	TOTAL (A70–A78).	M	**603**	**53**	**39**	**54**	**54**	[illegible]	**37**	**47**	**40**	**54**	**54**	**54**	**62**
		F	**559**	**44**	**51**	**43**	**52**	**40**	**57**	**45**	**34**	**53**	**51**	**37**	**52**
		T	**1,162**	**97**	**90**	**97**	**106**	**95**	[illegible]	**92**	**74**	**107**	**105**	**91**	**114**
	VII. DISEASES OF THE CIRCULATORY SYSTEM.														
	HEART DISEASE (A79–A83).														
A 79	RHEUMATIC FEVER	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 80	CHRONIC RHEUMATIC	M	40	3	2	3	7	7	1	5	1	1	4	3	3
		F	46	5	5	6	4	3	3	2	3	2	5	1	7
		T	86	8	7	9	11	10	4	7	4	3	9	4	10
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	1,866	173	138	158	162	148	155	151	145	143	156	174	163
		F	887	89	74	80	66	75	81	75	55	69	78	69	76
		T	2,753	262	212	238	228	223	236	226	200	212	234	243	239
A 82	OTHER	M	121	14	13	8	7	11	9	[illegible]	7	8	12	9	15
		F	61	5	2	8	6	3	6	5	8	4	4	5	5
		T	182	19	15	16	13	14	15	13	15	12	16	14	20
A 83	HYPERTENSIVE	M	40	4	4	2	2	4	2	5	4	2	4	3	4
		F	47	4	3	3	5	4	1	6	3	3	3	4	8
		T	87	8	7	5	7	8	3	11	7	5	7	7	12
	TOTAL (A79–A83).	M	2,067	194	157	171	178	170	167	169	157	154	176	189	185
		F	1,041	103	84	97	81	85	91	88	69	78	90	79	96
		T	3,108	297	241	268	259	255	258	257	226	232	266	268	281
A 84	HYPERTENSION	M	28	2	1	2	4	4	2	–	3	3	5	2	–
		F	21	1	2	3	–	4	–	3	4	–	–	1	3
		T	49	3	3	5	4	[illegible]	2	3	7	3	5	3	3
A 85	ARTERIAL DISEASES	M	142	9	13	12	12	11	8	15	16	15	9	10	12
		F	99	7	14	13	6	4	9	5	8	4	10	10	[illegible]
		T	241	16	27	25	18	15	17	20	24	19	19	20	21
A 86	OTHER	M	40	7	2	7	5	4	1	5	–	3	4	–	2
		F	25	1	1	4	5	1	5	1	1	1	–	4	1
		T	65	8	3	11	10	5	6	6	1	4	4	4	3
	TOTAL (A79–A86).	M	**2,277**	**212**	**173**	**192**	**199**	**189**	**178**	**189**	**176**	**175**	**194**	**201**	**199**
		F	**1,186**	**112**	**101**	**117**	**92**	**94**	**105**	**97**	**82**	[illegible]	**100**	[illegible]	**109**
		T	**3,463**	**324**	**274**	**309**	**291**	**283**	[illegible]	**286**	**258**	**258**	**294**	**295**	**308**
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.														
A 87	ACUTE UPPER RESPIRATORY	M	3	–	–	–	1	–	–	–	1	–	–	1	–
		F	2	–	–	–	–	–	–	–	–	–	–	1	1
		T	5	–	–	–	1	–	–	–	1	–	–	2	1
A 88	INFLUENZA	M	28	3	3	10	2	1	–	–	–	1	–	2	6
		F	26	1	5	6	3	2	–	–	–	2	–	–	7
		T	54	4	8	16	5	3	–	–	–	3	–	2	13
	PNEUMONIA (A89–A91).														
A 89	LOBAR	M	26	1	3	2	3	1	1	2	1	2	3	3	4
		F	5	–	–	–	–	2	2	–	1	–	–	–	–
		T	31	1	3	2	3	3	3	2	2	2	3	3	4
A 90	BRONCHO	M	125	15	13	14	14	12	7	9	9	[illegible]	2	10	12
		F	118	13	18	9	8	7	8	5	9	8	6	6	21
		T	243	28	31	23	22	19	15	14	18	16	8	16	33
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	75	4	5	6	2	9	3	6	9	3	10	10	[illegible]
		F	61	4	7	11	6	6	5	2	6	1	6	5	2
		T	136	[illegible]	12	17	[illegible]	15	8	8	15	4	16	15	10
	TOTAL (A89–A91).	M	226	20	21	22	19	22	11	17	19	13	15	23	24
		F	184	17	25	20	14	15	15	7	16	[illegible]	12	11	23
		T	410	37	46	42	33	37	26	24	35	22	27	34	47
	BRONCHITIS (A92, A93).														
A 92	ACUTE	M	3	–	1	–	–	–	–	1	–	–	1	–	–
		F	1	–	–	–	1	–	–	–	–	–	–	–	–
		T	4	–	1	–	1	–	–	1	–	–	1	–	–
A 93	CHRONIC AND UNQUALIFIED	M	93	10	12	8	5	11	5	7	7	4	6	6	12
		F	17	1	1	4	2	–	–	2	1	2	2	–	2
		T	110	11	13	12	7	11	5	9	8	6	8	6	14
	TOTAL (A92, A93).	M	96	10	13	8	5	11	5	8	7	4	7	6	12
		F	18	1	1	4	3	–	–	2	1	2	2	–	2
		T	114	11	14	12	[illegible]	11	5	10	8	6	9	6	14

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST ■ NO.	CAUSE OF DEATH INTERMEDIATE LIST ■ (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
A 94	TONSILS AND ADENOIDS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 95	EMPYEMA AND LUNG ABSCESS ..	M	4	–	1	–	–	1	–	–	–	1	–	–	1
		F	2	–	–	–	1	–	1	–	–	–	–	–	–
		T	6	–	1	–	1	1	1	–	–	1	–	–	1
A 96	PLEURISY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 97	OTHER	M	103	9	8	7	8	7	10	6	9	7	10	10	12
		F	34	3	5	3	2	4	3	1	3	2	1	3	4
		T	137	12	13	10	10	11	13	7	12	9	11	13	16
	TOTAL (A87-A97).	**M**	**460**	**42**	**46**	**47**	**35**	**42**	**26**	**31**	**36**	**26**	**32**	**42**	**55**
		F	**266**	**22**	**36**	**33**	**23**	**21**	**19**	**10**	**20**	**15**	**15**	**15**	**37**
		T	**726**	**64**	**82**	**80**	[illegible]	**63**	**45**	**41**	**56**	**41**	**47**	**57**	**92**
	IX. DISEASES OF THE DIGESTIVE SYSTEM.														
A 98	DISEASES OF THE TEETH	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	1	–	–	–	–	–
		T	1	–	–	–	–	–	–	1	–	–	–	–	–
A 99	ULCER OF THE STOMACH	M	16	–	–	3	–	1	4	–	1	1	3	3	–
		F	7	1	3	–	–	–	1	–	–	–	1	1	–
		T	23	1	3	3	–	1	5	–	1	1	4	4	–
A 100	ULCER OF THE DUODENUM	M	23	1	1	2	–	3	5	2	1	3	3	–	2
		F	6	1	–	1	1	–	–	–	–	–	1	–	2
		T	29	2	1	3	1	3	5	2	1	3	4	–	4
A 101	GASTRITIS AND DUODENITIS ..	M	4	–	1	1	–	1	–	–	–	1	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	4	–	1	1	–	1	–	–	–	1	–	–	–
A 102	APPENDICITIS	M	3	1	–	–	1	1	–	–	–	–	–	–	–
		F	4	–	1	–	2	–	–	–	–	–	–	1	–
		T	7	1	1	–	3	1	–	–	–	–	–	1	–
A 103	INTESTINAL OBSTRUCTION AND HERNIA	M	24	4	1	2	1	2	2	4	2	3	1	1	1
		F	20	1	1	3	3	3	1	1	2	2	1	2	–
		T	44	5	2	5	4	5	3	5	4	5	2	3	1
A 104	GASTRO-ENTERITIS AND ...... COLITIS	M	18	2	–	2	1	2	1	1	2	1	3	2	1
		F	24	4	–	1	1	4	2	1	3	3	1	1	3
		T	42	6	–	3	2	6	3	2	5	4	4	3	4
A 105	CIRRHOSIS OF LIVER	M	50	3	8	3	5	1	6	5	5	2	5	3	4
		F	33	1	1	2	2	1	6	–	1	2	6	8	3
		T	83	4	9	5	7	2	12	5	6	4	11	11	7
A 106	CHOLELITHIASIS AND CHOLECYSTITIS	M	19	3	2	2	1	4	1	3	1	2	–	–	–
		F	32	3	3	5	–	2	2	5	2	3	1	1	5
		T	51	6	5	7	1	6	3	8	3	5	1	1	5
A 107	OTHER	M	43	2	4	6	2	5	6	4	2	2	3	4	3
		F	35	–	2	1	4	4	6	3	3	3	4	4	1
		T	78	2	6	7	6	9	12	7	5	5	7	8	4
	TOTAL (A98-A107).	**M**	**200**	**16**	**17**	**21**	**11**	**20**	**25**	**19**	**14**	**15**	**18**	**13**	**11**
		F	**162**	**11**	**11**	**13**	**13**	**14**	**18**	**11**	**11**	**13**	**15**	**18**	**14**
		T	**362**	**27**	**28**	**34**	**24**	**34**	**43**	**30**	**25**	**28**	**33**	**31**	**25**
	X. DISEASES OF THE GENITO-URINARY SYSTEM.														
A 108	ACUTE NEPHRITIS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	1	–	–	–	–	–	–	–	–	–	–	–
		T	1	1	–	–	–	–	–	–	–	–	–	–	–
A 109	CHRONIC AND OTHER NEPHRITIS	M	17	2	3	–	–	2	4	–	1	1	–	4	–
		F	24	2	4	1	1	3	2	–	1	3	3	3	1
		T	41	4	7	1	1	5	6	–	2	4	3	7	1
A 110	INFECTIONS OF KIDNEY	M	15	2	1	2	2	1	2	1	–	–	2	–	2
		F	12	3	1	2	2	–	–	–	–	–	1	–	3
		T	27	5	2	4	4	1	2	1	–	–	3	–	5
A 111	CALCULI	M	5	–	–	–	1	–	–	1	–	–	1	1	1
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	5	–	–	–	1	–	–	1	–	–	1	1	1
A 112	HYPERPLASIA OF PROSTATE ...	M	22	1	2	–	1	1	1	5	1	3	1	2	4
A 113	BREAST	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 114	OTHER	M	19	3	–	–	1	2	2	1	2	1	1	3	3
		F	8	2	–	–	1	1	–	–	–	1	1	1	1
		T	27	5	–	–	2	3	2	1	2	2	2	4	4
	TOTAL (A108-A114).	**M**	**78**	**8**	**6**	**2**	**5**	**6**	**9**	**8**	**4**	**5**	**5**	**10**	**10**
		F	**45**	**8**	**5**	[illegible]	**4**	**4**	**2**	**–**	**1**	**4**	**5**	**4**	**5**
		T	**123**	**16**	**11**	**5**	**9**	**10**	**21**	[illegible]	**5**	**9**	**10**	**14**	**15**

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.														
A 115	SEPSIS	F	1	–	1	–	–	–	–	–	–	–	–	–	–
A 116	TOXAEMIA	F	–	–	–	–	–	–	–	–	–	–	–	–	–
A 117	HAEMORRHAGE	F	3	–	2	–	–	–	1	–	–	–	–	–	–
A 118	ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	2	–	–	–	–	1	–	–	–	–	–	–	1
A 119	ABORTION WITH SEPSIS	F	1	–	–	–	–	–	–	1	–	–	–	–	–
A 120	OTHER	F	1	–	–	–	–	1	–	–	–	–	–	–	–
	TOTAL (A115–A120).	F	8	–	3	–	–	2	1	1	–	–	–	–	1
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.														
A 121	SKIN INFECTIONS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
A 122	ARTHRITIS AND SPONDYLITIS	M	6	1	–	1	1	–	–	1	–	2	–	–	–
		F	8	1	1	–	1	–	–	–	1	1	1	–	2
		T	14	2	1	1	2	–	–	1	1	3	1	–	2
A 123	RHEUMATISM	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	1	–	–	–	–	–	–	–	–	–	1	–	–
		T	1	–	–	–	–	–	–	–	–	–	1	–	–
A 124	OSTEOMYELITIS	M	2	–	1	–	–	–	–	–	–	–	–	–	1
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	2	–	1	–	–	–	–	–	–	–	–	–	1
A 125	ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	1	–	–	–	–	1	–	–	–	–	–	–	–
		F	2	–	–	–	–	–	–	1	–	–	–	–	1
		T	3	–	–	–	–	1	–	1	–	–	–	–	1
A 126	OTHER	M	8	1	–	2	1	–	–	3	1	–	–	–	–
		F	8	–	1	1	–	–	2	–	–	–	1	1	2
		T	16	1	1	3	1	–	2	3	1	–	1	1	2
	TOTAL (A121–A126).	M	17	2	1	3	2	1	–	4	1	2	–	–	1
		F	19	1	2	1	1	–	2	1	1	1	3	1	5
		T	36	3	3	4	3	1	2	5	2	3	3	1	6
	XIV. CONGENITAL MALFORMATIONS.														
A 127	SPINA BIFIDA AND MENINGOCELE.														
	A WITHOUT HYDROCEPHALUS	M	5	–	1	–	–	1	–	–	–	–	–	3	–
		F	5	1	–	–	–	–	–	–	–	–	2	2	–
		T	10	1	1	–	–	1	–	–	–	–	2	5	–
	B WITH HYDROCEPHALUS	M	3	–	–	–	–	2	–	–	1	–	–	–	–
		F	4	–	–	1	2	–	–	–	–	1	–	–	–
		T	7	–	–	1	2	2	–	–	1	1	–	–	–
	TOTAL (A127).	M	8	–	1	–	–	3	–	–	1	–	–	3	–
		F	9	1	–	1	2	–	–	–	–	1	2	2	–
		T	17	1	1	1	2	3	–	–	1	1	2	5	–
A 128	CIRCULATORY SYSTEM	M	33	2	3	3	2	2	3	6	2	5	3	1	1
		F	28	3	1	1	1	4	2	–	3	5	1	2	5
		T	61	5	4	4	3	6	5	6	5	10	4	3	6
A 129	OTHER	M	31	4	4	2	4	3	3	1	2	–	4	4	–
		F	21	1	1	–	1	3	–	4	3	1	5	1	1
		T	52	5	5	2	5	6	3	5	5	1	9	5	1
	TOTAL (A127–A129).	M	72	6	8	5	6	8	6	7	5	5	7	8	1
		F	58	5	2	2	4	7	2	4	6	7	8	5	6
		T	130	11	10	7	10	15	8	11	11	12	15	13	7
	XV. DISEASES OF EARLY INFANCY.														
A 130	BIRTH INJURY	M	30	4	3	5	1	3	2	1	3	2	2	1	3
		F	17	1	2	2	1	1	–	2	1	2	1	–	4
		T	47	5	5	7	2	4	2	3	4	4	3	1	7
A 131	POSTNATAL ASPHYXIA AND .... ATELECTASIS	M	51	4	7	4	4	7	4	3	2	1	6	7	2
		F	31	4	2	3	–	1	4	3	3	3	4	1	3
		T	82	8	9	7	4	8	8	6	5	4	10	8	5
A 132	INFECTIONS OF NEWBORN	M	10	2	1	1	–	1	–	–	–	3	–	2	–
		F	6	3	–	–	1	1	1	–	–	–	–	–	–
		T	16	5	1	1	1	2	1	–	–	3	–	2	–
A 133	ERYTHROBLASTOSIS	M	3	–	–	–	–	–	–	–	1	–	–	1	1
		F	1	–	–	–	–	–	1	–	–	–	–	–	–
		T	4	–	–	–	–	–	1	–	1	–	–	1	1

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
A 134	OTHER DEFINED	M	1	–	–	–	–	–	–	–	1	–	–	–	–
		F	2	–	1	–	–	–	–	–	1	–	–	–	–
		T	3	–	1	–	–	–	–	–	2	–	–	–	–
A 135	ILL-DEFINED	M	115	11	4	18	11	13	6	11	9	6	6	9	11
		F	112	9	6	9	6	6	11	8	9	13	11	11	13
		T	227	20	10	27	17	19	17	19	18	19	17	20	24
	TOTAL (A130-A135)J	M	210	21	15	[illegible]	16	24	[illegible]	15	16	12	14	20	17
		F	169	17	11	14	8	9	17	13	14	[illegible]	16	12	20
		T	379	[illegible]	26	42	24	[illegible]	29	[illegible]	30	30	30	32	37
	XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.														
A 136	SENILITY WITHOUT PSYCHOSIS	M	33	6	3	2	–	3	–	2	4	3	4	–	6
		F	15	1	1	1	2	1	3	–	2	1	1	–	2
		T	48	7	4	3	2	4	3	2	6	4	5	–	8
A 137	ILL-DEFINED AND UNKNOWN ...	M	142	10	11	13	11	12	7	10	14	12	12	13	17
		F	72	8	4	8	5	7	4	7	6	6	6	3	[illegible]
		T	214	18	15	21	16	19	11	17	20	18	18	16	25
	TOTAL (A136, A137).	M	175	16	14	15	11	15	7	12	18	15	16	13	23
		F	[illegible]	9	5	9	7	[illegible]	7	7	8	7	7	3	10
		T	262	25	19	24	18	23	14	19	26	22	23	16	33
	XVII. ACCIDENTS, POISONINGS AND VIOLENCE.														
	EXVII. EXTERNAL CAUSE.														
AE 138	MOTOR VEHICLE ACCIDENTS.														
A	TRAFFIC (810-825)	M	298	9	19	18	25	33	31	31	30	31	28	33	10
		F	120	6	6	5	8	6	5	15	22	10	9	17	11
		T	418	15	25	23	33	39	36	46	52	41	37	50	21
B	NON-TRAFFIC	M	10	–	1	1	1	2	1	1	–	1	–	1	1
		F	1	–	–	–	–	–	–	–	–	–	1	–	–
		T	11	–	1	1	1	2	1	1	–	1	1	1	1
	TOTAL (AE138).	M	308	9	20	19	26	35	32	32	30	32	28	34	11
		F	121	6	6	5	8	6	5	15	22	10	10	17	11
		T	429	15	26	24	34	41	37	47	52	42	38	51	22
AE 139	OTHER TRANSPORT ACCIDENTS.														
A	DROWNINGS INVOLVING SMALL BOATS (850)	M	7	–	–	–	–	2	3	1	1	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	7	–	–	–	–	2	3	1	1	–	–	–	–
B	DROWNINGS INVOLVING OTHER WATERCRAFT (851)	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
C	OTHER TRANSPORT	M	21	–	5	1	1	4	2	1	1	–	4	2	–
		F	2	–	–	–	–	–	–	–	2	–	–	–	–
		T	23	–	5	1	1	4	2	1	3	–	4	2	–
	TOTAL (AE139).	M	28	–	5	1	1	6	5	2	2	–	4	2	–
		F	2	–	–	–	–	–	–	–	2	–	–	–	–
		T	30	–	5	1	1	6	5	2	4	–	4	2	–
AE 140	ACCIDENTAL POISONING	M	46	5	5	6	–	1	2	6	2	5	6	1	7
		F	21	2	–	1	–	1	3	2	1	1	4	2	4
		T	67	7	5	7	–	2	5	[illegible]	3	6	10	3	11
AE 141	ACCIDENTAL FALLS	M	63	4	6	10	6	3	6	4	7	2	6	7	2
		F	58	6	10	3	7	2	6	5	6	5	2	1	5
		T	121	10	16	13	13	5	12	[illegible]	13	7	[illegible]	8	7
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	35	1	–	2	3	4	2	6	4	2	5	3	3
		F	3	–	–	–	–	1	–	1	–	–	1	–	–
		T	38	1	–	2	3	5	2	7	4	2	6	3	3
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	33	4	4	1	2	3	1	2	1	4	2	2	7
		F	23	1	5	1	1	1	1	1	3	4	–	1	4
		T	56	5	9	2	3	4	2	3	4	8	2	3	11
AE 144	OTHER ACCIDENTAL BURNS	M	1	1	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	1	1	–	–	–	–	–	–	–	–	–	–	–
AE 145	ACCIDENT CAUSED BY FIREARM	M	12	–	–	2	1	–	–	4	2	–	2	–	1
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	12	–	–	2	1	–	–	4	2	–	2	–	1
AE 146	ACCIDENTAL DROWNING	M	32	–	1	2	2	5	5	11	5	–	–	–	1
		F	7	–	1	1	1	1	–	2	1	–	–	–	–
		T	39	–	2	3	3	6	5	13	6	–	–	–	1

TABLE 10

DEATHS BY CAUSE, SEX AND MONTH OF DEATH, ALBERTA, 1968

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A (SEVENTH REVISION)		TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	73	7	5	6	8	7	6	10	4	2	5	8	5
		F	21	–	1	2	3	2	1	2	1	3	2	1	3
		T	94	7	6	[illegible]	11	9	7	12	5	5	7	9	8
	TOTAL (AE138-AE147).	M	631	31	46	49	49	64	59	77	57	47	58	57	37
		F	256	15	23	13	20	14	16	28	36	23	19	22	27
		T	887	46	69	62	69	78	75	105	93	70	77	79	64
AE 148	SUICIDE	M	119	7	11	5	9	10	6	13	18	10	10	10	10
		F	36	2	2	6	2	5	5	1	2	6	2	–	3
		T	155	9	13	11	11	15	11	14	20	16	12	10	13
AE 149	HOMICIDE	M	12	1	–	2	–	–	–	2	3	1	1	1	1
		F	10	–	–	1	–	–	2	2	1	1	1	2	–
		T	22	1	–	3	–	–	2	4	4	2	2	3	1
AE 150	WAR INJURIES	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
	TOTAL (AE138-AE150).	**M**	**762**	**39**	**57**	**56**	**58**	**74**	**65**	**92**	**78**	[illegible]	**69**	**68**	**48**
		F	**302**	**17**	**25**	**20**	**22**	**19**	**23**	**31**	**39**	**30**	**22**	**24**	**30**
		T	**1,064**	**56**	**82**	**76**	**80**	**93**	[illegible]	**123**	**117**	**88**	**91**	**92**	**78**
	NXVII. NATURE OF INJURY.														
AN 138	FRACTURE OF SKULL	M	134	6	8	12	14	9	12	14	12	7	19	15	6
		F	44	2	2	5	1	4	2	5	7	4	4	3	5
		T	178	8	10	17	15	13	14	19	19	11	23	18	11
AN 139	FRACTURE OF SPINE AND TRUNK	M	41	–	–	2	2	4	6	8	10	2	2	3	2
		F	12	1	1	–	1	–	1	1	3	1	2	1	–
		T	53	1	1	2	3	4	7	9	13	3	4	4	2
AN 140	FRACTURE OF LIMBS	M	25	1	4	6	2	1	3	–	1	3	1	3	–
		F	47	5	7	3	3	–	5	3	7	6	2	2	4
		T	72	6	11	9	5	1	[illegible]	3	8	9	3	5	4
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
AN 142	SPRAINS AND STRAINS	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
AN 143	OTHER HEAD INJURY	M	96	3	5	6	6	6	9	13	8	7	9	15	[illegible]
		F	27	1	1	2	4	2	2	3	3	2	1	4	2
		T	123	4	6	8	10	[illegible]	11	16	11	9	10	19	11
AN 144	INTERNAL INJURY	M	229	13	21	14	19	29	16	25	25	21	17	20	9
		F	62	3	5	–	6	4	2	[illegible]	11	5	5	8	4
		T	291	16	26	14	25	33	18	34	36	26	22	28	13
AN 145	OPEN WOUNDS	M	14	–	–	1	1	2	1	–	2	2	3	2	–
		F	2	–	–	–	–	–	1	–	–	–	–	1	–
		T	16	–	–	1	1	2	2	–	2	2	3	3	–
AN 146	SUPERFICIAL INJURY OR ..... CONTUSION	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
AN 147	FOREIGN BODY THROUGH ...... ORIFICE	M	14	–	–	3	2	1	–	1	1	1	2	2	1
		F	14	–	–	1	2	–	1	1	1	4	1	1	2
		T	28	–	–	4	4	1	1	2	2	5	3	3	3
AN 148	BURNS	M	37	5	4	–	3	5	1	2	2	4	2	3	6
		F	20	1	4	1	–	1	1	1	3	4	–	1	3
		T	57	6	8	1	3	6	2	3	5	8	2	4	9
AN 149	POISONINGS	M	74	6	11	[illegible]	3	1	2	[illegible]	6	7	11	2	8
		F	41	3	3	5	2	2	5	2	2	1	6	2	8
		T	115	9	14	13	5	3	7	11	[illegible]	[illegible]	17	4	16
AN 150	OTHER	M	98	5	4	4	6	16	15	20	11	4	3	3	7
		F	33	1	2	3	3	6	3	6	2	3	1	1	2
		T	131	6	6	7	9	22	18	26	13	7	4	4	[illegible]
	TOTAL (AN138-AN150).	**M**	**762**	**39**	**57**	**56**	**58**	**74**	**65**	**92**	**78**	**58**	**69**	[illegible]	[illegible]
		F	**302**	**17**	**25**	[illegible]	**22**	**19**	**23**	**31**	**39**	**30**	**22**	**24**	**30**
		T	**1,064**	**56**	**82**	**76**	[illegible]	**93**	[illegible]	**123**	**117**	[illegible]	**91**	**92**	[illegible]
	ALL CAUSES.	**M**	**6,101**	**522**	**476**	**513**	[illegible]	**526**	[illegible]	**526**	**500**	**452**	**516**	**556**	**550**
		F	**3,862**	**333**	**321**	**349**	**302**	**304**	**341**	**288**	**300**	**315**	**338**	**298**	**373**
		T	**9,963**	**855**	**797**	**862**	[illegible]	[illegible]	[illegible]	**814**	[illegible]	**767**	**854**	**853**	**923**

TABLE 11

INFANT DEATHS AND HOSPITAL INFANT DEATHS BY OCCURRENCE AND RESIDENCE FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

		....TOTAL INFANT DEATHS....				...INFANT HOSPITAL DEATHS..			
		TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.
01	DIVISION 1								
007	BOW ISLAND	1	1			1	1		
040	MEDICINE HAT	16	16	3	3	16	16	3	3
047	REDCLIFF		2		2		2		2
	TOTAL	17	21		4	17	21		4
02	DIVISION 2								
009	BROOKS	4	5	1	2	4	5	1	2
014	COALDALE	1		1		1		1	
035	LETHBRIDGE	14	5	9		14	5	9	
081	PICTURE BUTTE								
046	RAYMOND		2		2		2		2
056	TABER	2		2		2		2	
	TOTAL	23	18	6	1	21	16	6	1
03	DIVISION 3								
012	CARDSTON	3	3	2	2	3	3	2	2
013	CLARESHOLM	2	5		1	2	5		1
025	FORT MACLEOD	1		1		1		1	
037	MAGRATH	3	2	1		3	2	1	
044	PINCHER CREEK	3	3			2	2		
	TOTAL	15	21		6	13	19		6
04	DIVISION 4								
028	HANNA	3	3			3	3		
	TOTAL	7	8		1	5	6		1
05	DIVISION 5								
020	DRUMHELLER	6	3	3		6	3	3	
057	THREE HILLS	1	1	1	1	1		1	
060	VULCAN	1	1			1	1		
	TOTAL	12	15		3	9	12		3
06	DIVISION 6								
010	CALGARY	134	119	23	8	111	96	21	6
018	DIDSBURY		2		2		2		2
030	HIGH RIVER		1		1		1		1
042	OLDS								
	TOTAL	139	130	15	6	116	107	13	4
07	DIVISION 7								
065	CASTOR	3	2	1		2	1	1	
076	PROVOST	2		2		2		2	
053	STETTLER	2	1	2	1	2	1	2	1
061	WAINWRIGHT	3		3		2		2	
	TOTAL	13	16	1	4	10	14		4
08	DIVISION 8								
031	INNISFAIL	2		2		2		2	
033	LACOMBE								
045	PONOKA	2	2	1	1	2	2	1	1
048	RED DEER	10	10	2	2	9	8	2	1
072	RIMBEY								
050	ROCKY MOUNTAIN HOUSE	6	7	3	4	5	6	2	3
055	SYLVAN LAKE		1		1		1		1
	TOTAL	25	33	4	12	19	29	1	11
09	DIVISION 9								
075	BELLEVUE	1	1						
005	BLAIRMORE								
079	CANMORE	1		1		1		1	
016	COLEMAN								
	TOTAL	7	9	1	3	5	5	1	1
10	DIVISION 10								
011	CAMROSE	3	2	1		3	2	1	
036	LLOYDMINSTER (PT.)	1	5		4		4		4
085	TWO HILLS								
058	VEGREVILLE	4	3	1		4	3	1	
059	VERMILION	2		2		2		2	
074	VIKING	1	1			1	1		
	TOTAL	14	20	1	7	11	17	1	7

TABLE 11

INFANT DEATHS AND HOSPITAL INFANT DEATHS BY OCCURRENCE AND RESIDENCE FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	....TOTAL INFANT DEATHS....				...INFANT HOSPITAL DEATHS..			
	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.	TOTAL BY OCCUR.	TOTAL BY RESID.	OCCUR. ¬= RESID.	RESID. ¬= OCCUR.
11 DIVISION 11								
017 DEVON								
019 DRAYTON VALLEY	2	3		1	2	3		1
021 EDMONTON	214	159	62	7	195	141	60	6
026 FORT SASKATCHEWAN	6	3	3		6	3	3	
034 LEDUC		1		1		1		1
051 ST. ALBERT								
054 STONY PLAIN	1		1		1		1	
063 WETASKIWIN	5	2	4	1	5	2	4	1
TOTAL	231	189	51	9	210	169	49	8
12 DIVISION 12								
006 BONNYVILLE	4	1	3		3		3	
015 COLD LAKE	4	3	1		4	3	1	
039 FORT MCMURRAY	8	3	6	1	7	2	6	1
066 GRAND CENTRE	1		1					
069 LAC LA BICHE	6	3	3		6	3	3	
052 ST. PAUL	2	2	1	1	2	2	1	1
TOTAL	32	35	2	5	24	26	2	4
13 DIVISION 13								
001 ATHABASCA	1		1		1		1	
002 BARRHEAD	4	4	2	2	3	3	2	2
049 REDWATER		2		2		2		2
062 WESTLOCK	3	2	1		3	2	1	
TOTAL	14	22	2	10	7	16	1	10
14 DIVISION 14								
022 EDSON	1	2		1	1	2		1
068 HINTON	1	3	1	3	1		1	
077 WHITECOURT	3	4	1	2	3	4	1	2
TOTAL	5	11	1	7	5	7	1	3
15 DIVISION 15								
078 BEAVERLODGE								
023 FAIRVIEW	6	2	4		5	2	3	
027 GRANDE PRAIRIE	9	10	1	2	8	9	1	2
067 GRIMSHAW	1	1						
029 HIGH PRAIRIE	6	2	4		6	2	4	
080 MANNING	2	3	1	2	2	3	1	2
038 MCLENNAN	3	1	2		3	1	2	
043 PEACE RIVER	9	8	1		7	7		
082 SLAVE LAKE								
083 SPIRIT RIVER	5	3	3	1	5	3	3	1
084 SWAN HILLS	1	2		1		1		1
073 VALLEYVIEW	1	1	1	1				
TOTAL	52	59	2	9	39	45	2	8
PROVINCE TOTAL	606	607	15	16	511	509	15	13

TABLE 12

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE, ALBERTA, 1968

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL -1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	TOTAL 28 DAYS -1 YEAR	POST-NEONATAL 28 DAYS - 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
	I. INFECTIVE AND PARASITIC DISEASES.																									
001-019	TUBERCULOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
020-029	SYPHILIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
045-048	DYSENTERY, ALL FORMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
050	SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
052	ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
055	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
056	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
057	MENINGOCOCCAL INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
085	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 001-138	M	3	-	-	-	-	-	-	-	-	-	-	-	3	1	1	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	3	1	1	-	-	-	1	-	-	-	-	-
	CLASS I TOTAL	M	3	-	-	-	-	-	-	-	-	-	-	-	3	1	1	-	-	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	4	1	1	-	-	-	1	1	-	-	-	-
	II. NEOPLASMS.																									
140-205	MALIGNANT NEOPLASMS.																									
201	HODGKIN S DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	LEUKAEMIA AND ALEUKAEMIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 140-205	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
	TOTAL (140-205)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
210-229	BENIGN NEOPLASMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230-239	OTHER NEOPLASMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS II TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
	III. ALLERGIC, ENDOCRINE AND METABOLIC DISEASES.																									
273	DISEASES OF THYMUS GLAND	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 240-289	M	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS III TOTAL	M	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	IV. BLOOD DISEASES.																									
290-299	CLASS IV TOTAL	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
	V. MENTAL DISORDERS.																									
325	MENTAL DEFICIENCY	M	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	1	-
	OTHER OF 300-326	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS V TOTAL	M	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	1	-
	VI. DISEASES OF NERVOUS SYSTEM AND THE SENSE ORGANS.																									
340	MENINGITIS	M	4	1	-	-	-	-	-	-	-	1	-	-	3	-	2	-	-	-	1	-	-	-	-	-
		F	2	1	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-
		T	6	2	-	-	-	-	-	-	-	1	1	-	4	-	3	-	-	-	1	-	-	-	-	-
391-392	OTITIS MEDIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
	OTHER OF 330-398	M	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	1
	CLASS VI TOTAL	M	6	1	-	-	-	-	-	-	-	1	-	-	5	-	2	-	1	-	1	-	-	-	-	1
		F	3	1	-	-	-	-	-	-	-	-	1	-	2	-	1	-	-	1	-	-	-	-	-	-
		T	9	2	-	-	-	-	-	-	-	1	1	-	7	-	3	-	1	1	1	-	-	-	-	1
	VII. DISEASES OF CIRCULATORY SYSTEM.																									
400-468	CLASS VII TOTAL	M	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																									
470-475	ACUTE UPPER RESPIRATORY INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
480-483	INFLUENZA	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-
490-493	PNEUMONIA (4 WEEKS AND OVER)	M	26	-	-	-	-	-	-	-	-	-	-	-	26	2	4	4	2	3	4	2	1	1	2	1
		F	16	-	-	-	-	-	-	-	-	-	-	-	16	3	3	3	4	-	-	1	1	-	-	1
		T	42	-	-	-	-	-	-	-	-	-	-	-	42	5	7	7	6	3	4	3	2	1	2	2
500-502	BRONCHITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	1	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	1	-	-	-
	OTHER OF 470-527	M	3	-	-	-	-	-	-	-	-	-	-	-	3	-	2	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	4	1	2	-	-	-	-	-	-	-	-	1
	CLASS VIII TOTAL	M	30	1	-	-	-	-	-	-	-	-	1	-	29	2	6	4	2	3	4	2	1	1	2	2
		F	21	1	-	-	-	-	-	-	-	-	1	-	20	4	4	3	4	-	-	1	3	-	-	1
		T	51	2	-	-	-	-	-	-	-	-	2	-	49	6	10	7	6	3	4	3	4	1	2	3
	IX. DISEASES OF DIGESTIVE SYSTEM.																									
543	GASTRITIS AND DUODENITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 12

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE, ALBERTA, 1968

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL										TOTAL 28 DAYS		POST-NEONATAL									
					-1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28 DAYS -1 YEAR	- 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
560-570	HERNIA AND INTESTINAL OBSTRUCTION	M	2	1	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	3	3	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	4	1	-	-	1	-	1	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-
571	GASTRO-ENTERITIS AND .... COLITIS (4 WEEKS AND OVER)	M	4	-	-	-	-	-	-	-	-	-	-	-	4	2	1	1	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	1	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	-	-	-	7	4	1	1	-	-	-	1	-	-	-	-
572	CHRONIC ENTERITIS AND ...... ULCERATIVE COLITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 530-587	M	3	1	-	1	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	2	-	1	-	-	-	1	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
	CLASS IX TOTAL	M	9	2	-	1	-	-	-	1	-	-	-	-	7	5	1	1	-	-	-	-	-	-	-	-
		F	7	4	1	-	-	1	-	1	-	-	1	-	3	2	-	-	-	-	-	1	-	-	-	-
		T	16	6	1	1	-	1	-	2	-	-	1	-	10	7	1	1	-	-	-	1	-	-	-	-
	X. DISEASES OF GENITO-URINARY SYSTEM.																									
590-637	CLASS X TOTAL	M	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																									
690-749	CLASS XII, XIII TOTAL ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
	XIV. CONGENITAL MALFORMATIONS.																									
750-759	CLASS XIV TOTAL	M	57	41	14	6	4	-	-	2	-	8	6	1	16	3	3	2	1	1	2	2	1	1	-	-
		F	44	25	12	2	2	1	-	-	1	4	2	1	19	1	5	3	3	1	-	-	3	1	1	1
		T	101	66	26	8	6	1	-	2	1	12	8	2	35	4	8	5	4	2	2	2	4	2	1	1
	XV. DISEASES OF EARLY INFANCY.																									
760-761	INJURY AT BIRTH.																									
.0	WITHOUT IMMATURITY	M	8	8	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	5	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	13	13	5	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	22	22	13	2	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	12	12	8	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	34	34	21	3	6	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (760-761)	M	30	30	16	5	6	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	17	17	10	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	47	47	26	9	8	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
762	POSTNATAL ASPHYXIA AND ATELECTASIS.																									
.0	WITHOUT IMMATURITY	M	18	16	8	4	1	1	-	1	-	-	1	-	2	1	-	-	1	-	-	-	-	-	-	-
		F	9	9	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	27	25	13	6	3	1	-	1	-	-	1	-	2	1	-	-	1	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	33	33	23	4	1	1	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	22	21	14	3	1	2	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	55	54	37	7	2	3	1	2	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
	TOTAL (762)	M	51	49	31	8	2	2	-	3	1	1	1	-	2	1	-	-	1	-	-	-	-	-	-	-
		F	31	30	19	5	3	2	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	82	79	50	13	5	4	1	3	1	1	1	-	3	2	-	-	1	-	-	-	-	-	-	-
763	PNEUMONIA OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	5	5	1	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	3	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
		T	8	8	1	-	-	-	-	-	-	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	4	4	-	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	7	7	1	4	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (763)	M	9	9	1	2	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
		F	6	6	1	2	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
		T	15	15	2	4	-	-	-	-	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
764	DIARRHOEA OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (764)	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
765-768	OTHER INFECTIONS OF THE NEWBORN.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (765-768)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
769	MATERNAL TOXAEMIA.																									
.0-.4	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5-.9	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (769)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
770	ERYTHROBLASTOSIS.																									
.0-.2	WITHOUT IMMATURITY	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5-.7	WITH IMMATURITY	M	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (770)	M	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
771	HAEMORRHAGIC DISEASE OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (771)	M	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
772	NUTRITIONAL MALADJUSTMENT.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (772)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 12

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE, ALBERTA, 1968

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL										TOTAL 28 DAYS		POST-NEONATAL									
					-1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28 DAYS -1 YEAR	- 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY.																									
.0	WITHOUT IMMATURITY	M	16	8	3	3	-	1	-	-	-	1	-	-	8	3	2	1	1	1	-	-	-	-	-	-
		F	21	8	2	2	1	-	-	1	1	1	-	-	13	4	4	2	2	-	1	-	-	-	-	-
		T	37	16	5	5	1	1	-	1	1	2	-	-	21	7	6	3	3	1	1	-	-	-	-	-
.5	WITH IMMATURITY	M	21	21	10	6	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	28	28	10	7	8	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	49	49	20	13	12	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (773)	M	37	29	13	9	4	1	1	-	-	1	-	-	8	3	2	1	1	1	-	-	-	-	-	-
		F	49	36	12	9	9	1	-	2	1	2	-	-	13	4	4	2	2	-	1	-	-	-	-	-
		T	86	65	25	18	13	2	1	2	1	3	-	-	21	7	6	3	3	1	1	-	-	-	-	-
774-776	IMMATURITY	M	78	77	55	9	7	3	1	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	63	62	50	6	4	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	141	139	105	15	11	3	2	1	-	1	1	-	2	2	-	-	-	-	-	-	-	-	-	-
	CLASS XV TOTAL	M	210	199	119	33	20	8	2	3	1	6	5	2	11	5	2	1	2	1	-	-	-	-	-	-
		F	169	154	94	26	18	3	3	3	1	3	1	2	15	6	4	2	2	-	1	-	-	-	-	-
		T	379	353	213	59	38	11	5	6	2	9	6	4	26	11	6	3	4	1	1	-	-	-	-	-
	XVI. ILL-DEFINED CONDITIONS.																									
795	ILL-DEFINED AND UNKNOWN .... CAUSES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 780-795	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XVI TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVII. ACCIDENTAL AND VIOLENT CAUSES.																									
E810-E825	MOTOR VEHICLE TRAFFIC ...... ACCIDENTS	M	2	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	1	-	-	-
		F	3	1	-	-	-	-	-	-	-	-	1	-	2	-	1	1	-	-	-	-	-	-	-	-
		T	5	1	-	-	-	-	-	-	-	-	1	-	4	-	2	1	-	-	-	-	1	-	-	-
E900-E904	ACCIDENTAL FALLS	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	3	1	1	-	-	-	1	-	-	-	-	-
E916	FIRE ACCIDENTS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E921-E922	INHALATION AND INGESTION ...	M	6	-	-	-	-	-	-	-	-	-	-	-	6	2	2	1	1	-	-	-	-	-	-	-
		F	6	1	-	-	-	-	-	-	-	-	-	1	5	1	1	-	1	-	1	-	1	-	-	-
		T	12	1	-	-	-	-	-	-	-	-	-	1	11	3	3	1	2	-	1	-	1	-	-	-
E924-E925	MECHANICAL SUFFOCATION	M	9	1	-	-	-	-	-	-	-	-	-	1	8	1	3	-	1	2	-	-	1	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	-	-	5	1	3	-	1	-	-	-	-	-	-	-
		T	14	1	-	-	-	-	-	-	-	-	-	1	13	2	6	-	2	2	-	-	1	-	-	-
	OTHER OF E800-E999	M	3	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-
	CLASS XVII TOTAL	M	21	2	1	-	-	-	-	-	-	-	-	1	19	3	7	1	2	2	2	-	2	-	-	-
		F	16	2	-	-	-	-	-	-	-	-	1	1	14	3	5	1	2	-	2	-	1	-	-	-
		T	37	4	1	-	-	-	-	-	-	-	1	2	33	6	12	2	4	2	4	-	3	-	-	-
	TOTAL ALL CAUSES	M	342	247	134	40	24	8	2	6	1	15	12	5	95	22	22	9	9	7	10	4	4	2	3	3
		F	265	189	107	28	20	5	3	4	2	7	9	4	76	16	19	9	12	2	3	3	8	1	1	2
		T	607	436	241	68	44	13	5	10	3	22	21	9	171	[illegible]	41	18	21	9	13	7	12	3	4	5

TABLE 13

INFANT DEATHS BY MONTH OF BIRTH BY MONTH OF DEATH AND SEX, ALBERTA, 1968

MONTH OF BIRTH			MONTH OF DEATH											
		TOTAL	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
BORN IN 1967	M	38	10	10	[illegible]	1	2	1	4	–	1	1	–	–
	F	26	6	3	3	4	3	2	2	1	1	1	–	–
	T	64	16	13	11	5	[illegible]	3	6	1	2	2	–	–
JANUARY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–	–
	T	–	–	–	–	–	–	–	–	–	–	–	–	–
FEBRUARY	M	2	1	1	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–	–
	T	2	1	1	–	–	–	–	–	–	–	–	–	–
MARCH	M	–	–	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–	–
	T	–	–	–	–	–	–	–	–	–	–	–	–	–
APRIL	M	2	2	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	–	–	–	–	–
	T	2	[illegible]	–	–	–	–	–	–	–	–	–	–	–
MAY	M	–	–	–	–	–	–	–	–	–	–	–	–	–
	F	1	1	–	–	–	–	–	–	–	–	–	–	–
	T	1	1	–	–	–	–	–	–	–	–	–	–	–
JUNE	M	2	1	1	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	1	–	–	–	–	–	–	–	–	–
	T	3	1	1	1	–	–	–	–	–	–	–	–	–
JULY	M	4	2	2	–	–	–	–	–	–	–	–	–	–
	F	1	–	–	–	1	–	–	–	–	–	–	–	–
	T	5	2	2	–	1	–	–	–	–	–	–	–	–
AUGUST	M	2	–	1	–	–	–	1	–	–	–	–	–	–
	F	3	–	1	–	–	1	–	–	1	–	–	–	–
	T	5	–	2	–	–	1	1	–	1	–	–	–	–
SEPTEMBER	M	6	–	3	1	1	–	–	1	–	–	–	–	–
	F	3	1	–	–	1	–	–	–	–	1	–	–	–
	T	9	1	[illegible]	1	2	–	–	1	–	1	–	–	–
OCTOBER	M	5	–	1	[illegible]	–	1	–	–	–	1	–	–	–
	F	2	1	–	–	–	–	–	1	–	–	–	–	–
	T	7	1	1	2	–	1	–	1	–	1	–	–	–
NOVEMBER	M	7	2	–	3	–	–	–	2	–	–	–	–	–
	F	7	2	–	1	1	–	2	1	–	–	–	–	–
	T	14	4	–	4	1	–	2	3	–	–	–	–	–
DECEMBER	M	8	2	1	2	–	1	–	1	–	–	1	–	–
	F	8	1	2	1	1	2	–	–	–	–	1	–	–
	T	16	3	3	3	1	3	–	1	–	–	2	–	–
BORN IN 1968	M	304	21	19	34	23	32	21	25	24	20	27	32	26
	F	239	18	11	20	11	16	24	20	21	25	24	18	31
	T	543	39	30	54	34	48	45	45	45	45	51	50	57
JANUARY	M	30	21	2	3	2	–	–	1	–	–	1	–	–
	F	24	18	1	1	–	1	1	–	–	2	–	–	–
	T	54	39	3	4	2	1	1	1	–	2	1	–	–
FEBRUARY	M	26	–	17	4	1	1	1	2	–	–	–	–	–
	F	17	–	10	2	1	1	3	–	–	–	–	–	–
	T	43	–	27	6	2	2	4	2	–	–	–	–	–
MARCH	M	35	–	–	27	2	2	3	1	–	–	–	–	–
	F	23	–	–	17	2	[illegible]	1	1	–	–	–	–	–
	T	58	–	–	44	4	4	4	2	–	–	–	–	–
APRIL	M	29	–	–	–	18	2	2	1	1	1	–	1	3
	F	16	–	–	–	8	2	–	1	2	–	–	–	3
	T	45	–	–	–	26	4	2	2	[illegible]	1	–	1	6
MAY	M	33	–	–	–	–	27	4	2	–	–	–	–	–
	F	17	–	–	–	–	10	5	–	1	–	1	–	–
	T	50	–	–	–	–	37	9	2	1	–	1	–	–
JUNE	M	18	–	–	–	–	–	11	2	2	–	1	2	–
	F	19	–	–	–	–	–	14	3	1	–	–	–	1
	T	37	–	–	–	–	–	25	5	3	–	1	2	1
JULY	M	24	–	–	–	–	–	–	16	2	3	2	–	1
	F	22	–	–	–	–	–	–	15	1	2	1	2	1
	T	46	–	–	–	–	–	–	31	3	5	3	2	2
AUGUST	M	25	–	–	–	–	–	–	–	19	[illegible]	2	–	1
	F	22	–	–	–	–	–	–	–	16	2	2	2	–
	T	47	–	–	–	–	–	–	–	35	5	4	2	1
SEPTEMBER	M	22	–	–	–	–	–	–	–	–	13	4	2	3
	F	24	–	–	–	–	–	–	–	–	19	2	1	2
	T	46	–	–	–	–	–	–	–	–	32	6	3	[illegible]
OCTOBER	M	25	–	–	–	–	–	–	–	–	–	17	7	1
	F	23	–	–	–	–	–	–	–	–	–	18	1	4
	T	48	–	–	–	–	–	–	–	–	–	35	[illegible]	5
NOVEMBER	M	23	–	–	–	–	–	–	–	–	–	–	20	3
	F	13	–	–	–	–	–	–	–	–	–	–	12	1
	T	36	–	–	–	–	–	–	–	–	–	–	32	4
DECEMBER	M	14	–	–	–	–	–	–	–	–	–	–	–	14
	F	19	–	–	–	–	–	–	–	–	–	–	–	19
	T	33	–	–	–	–	–	–	–	–	–	–	–	33
	M	342	31	29	42	24	34	22	29	24	21	28	32	26
	F	265	24	14	23	15	19	26	22	22	26	25	18	31
	T	607	55	43	65	39	53	48	51	46	47	53	50	57

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES,
CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
	All causes	T	153,196	3,123	990	6,610	4,905	39,537	55,552	7,878	7,498	9,963	16,828	84	228
		M	89,534	1,834	586	3,790	2,837	23,049	31,795	4,677	4,629	6,101	10,043	61	132
		F	63,662	1,289	404	2,820	2,068	16,488	23,757	3,201	2,869	3,862	6,785	23	96
	I. INFECTIVE AND PARASITIC DISEASES.	T	1,108	38	3	52	27	445	267	55	49	61	100	-	11
		M	713	22	1	32	18	291	181	36	23	36	66	-	7
		F	395	16	2	20	9	154	86	19	26	25	34	-	4
A 1	Tuberculosis of respiratory system	T	564	12	1	25	12	284	119	25	23	18	43	-	2
		M	400	8	1	19	9	205	90	16	9	12	30	-	1
		F	164	4	-	6	3	79	29	9	14	6	13	-	1
	A. Active	T	460	10	1	17	11	258	94	13	13	11	31	-	1
		M	332	7	1	12	8	186	73	9	5	8	23	-	-
		F	128	3	-	5	3	72	21	4	8	3	8	-	1
	B. Inactive (002.2, 008.2)	T	104	2	-	8	1	26	25	12	10	7	12	-	1
		M	68	1	-	7	1	19	17	7	4	4	7	-	1
		F	36	1	-	1	-	7	8	5	6	3	5	-	-
A 2	Tuberculosis of meninges and central nervous system	T	18	-	-	1	-	9	3	2	-	1	2	-	-
		M	11	-	-	1	-	5	3	-	-	1	1	-	-
		F	7	-	-	-	-	4	-	2	-	-	1	-	-
A 3	Tuberculosis of intestines, peritoneum and mesenteric glands	T	5	-	-	-	-	4	-	-	-	1	-	-	-
		M	4	-	-	-	-	3	-	-	-	1	-	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-
A 4	Tuberculosis of bones and joints	T	7	-	-	-	-	3	3	1	-	-	-	-	-
		M	6	-	-	-	-	2	3	1	-	-	-	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-
A 5	Tuberculosis, all other forms	T	36	3	-	1	1	15	4	3	2	4	3	-	-
		M	19	2	-	-	1	7	3	1	2	3	-	-	-
		F	17	1	-	1	-	8	1	2	-	1	3	-	-
A 6	Congenital syphilis	T	1	-	-	-	-	-	1	-	-	-	-	-	-
		M	1	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 7	Early syphilis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 8	Tabes dorsalis	T	8	-	-	-	1	6	1	-	-	-	-	-	-
		M	6	-	-	-	1	4	1	-	-	-	-	-	-
		F	2	-	-	-	-	2	-	-	-	-	-	-	-
A 9	General paralysis of insane	T	7	1	-	-	-	5	1	-	-	-	-	-	-
		M	5	1	-	-	-	3	1	-	-	-	-	-	-
		F	2	-	-	-	-	2	-	-	-	-	-	-	-
A 10	All other syphilis	T	62	-	-	1	3	14	27	4	2	4	7	-	-
		M	46	-	-	1	2	10	19	4	2	3	5	-	-
		F	16	-	-	-	1	4	8	-	-	1	2	-	-
A 11	Gonococcal infection	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 12	Typhoid fever	T	2	-	-	-	-	2	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	2	-	-	-	-	-	-	-
A 13	Paratyphoid fever and other Salmonella infections	T	9	-	-	-	-	1	5	-	-	2	1	-	-
		M	2	-	-	-	-	-	-	-	-	1	1	-	-
		F	7	-	-	-	-	1	5	-	-	1	-	-	-
A 14	Cholera	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 15	Brucellosis (undulant fever)	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 16	Dysentery, all forms	T	5	-	-	-	-	1	2	2	-	-	-	-	-
		M	4	-	-	-	-	1	1	2	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-
A 17	Scarlet fever	T	3	-	-	-	-	1	1	-	-	1	-	-	-
		M	1	-	-	-	-	-	1	-	-	-	-	-	-
		F	2	-	-	-	-	1	-	-	-	1	-	-	-
A 18	Streptococcal sore throat	T	2	-	-	1	-	-	1	-	-	-	-	-	-
		M	1	-	-	-	-	-	1	-	-	-	-	-	-
		F	1	-	-	1	-	-	-	-	-	-	-	-	-
A 19	Erysipelas	T	3	-	-	1	-	2	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	1	-	2	-	-	-	-	-	-	-
A 20	Septicaemia and pyaemia	T	59	5	-	3	2	11	14	6	4	5	9	-	-
		M	39	2	-	3	2	8	7	5	2	2	8	-	-
		F	20	3	-	-	-	3	7	1	2	3	1	-	-

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST
OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 21	Diphtheria	T	6	-	-	-	-	-	2	2	-	-	2	-	-
		M	3	-	-	-	-	-	1	1	-	-	1	-	-
		F	3	-	-	-	-	-	1	1	-	-	1	-	-
A 22	Whooping cough	T	15	2	-	1	-	8	-	-	4	-	-	-	-
		M	7	-	-	1	-	4	-	-	2	-	-	-	-
		F	8	2	-	-	-	4	-	-	2	-	-	-	-
A 23	Meningococcal infections	T	24	3	-	-	1	5	3	-	2	4	3	-	3
		M	10	1	-	-	1	1	1	-	1	2	1	-	2
		F	14	2	-	-	-	4	2	-	1	2	2	-	1
A 24	Plague	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 25	Leprosy	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 26	Tetanus	T	3	-	-	-	-	-	2	-	1	-	-	-	-
		M	2	-	-	-	-	-	1	-	1	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-
A 27	Anthrax	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 28	Acute poliomyelitis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 29	Acute infectious encephalitis	T	42	4	-	1	1	11	16	1	1	1	6	-	-
		M	29	3	-	1	-	5	13	1	-	1	5	-	-
		F	13	1	-	-	1	6	3	-	1	-	1	-	-
A 30	Late effects of acute poliomyelitis and acute infectious encephalitis	T	21	1	-	4	1	3	4	4	-	1	3	-	-
		M	15	-	-	4	1	2	3	2	-	-	3	-	-
		F	6	1	-	-	-	1	1	2	-	1	-	-	-
A 31	Smallpox	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 32	Measles	T	19	3	-	5	-	6	3	-	2	-	-	-	-
		M	6	2	-	-	-	2	1	-	1	-	-	-	-
		F	13	1	-	5	-	4	2	-	1	-	-	-	-
A 33	Yellow fever	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 34	Infectious hepatitis	T	83	1	1	2	3	20	29	3	2	6	16	-	-
		M	37	-	-	-	-	12	14	1	-	2	8	-	-
		F	46	1	1	2	3	8	15	2	2	4	8	-	-
A 35	Rabies	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 36	Typhus and other rickettsial diseases	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 37	Malaria	T	1	-	-	-	-	-	-	-	-	-	1	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 38	Schistosomiasis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 39	Hydatid disease	T	1	-	-	-	-	1	-	-	-	-	-	-	-
		M	1	-	-	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	Filariasis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	Ankylostomiasis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	Other diseases due to helminths	T	2	-	-	-	-	1	-	-	-	-	-	-	1
		M	2	-	-	-	-	1	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	All other diseases classified as infective and parasitic	T	100	3	1	6	2	32	26	2	6	13	4	-	5
		M	55	3	-	2	1	15	16	2	3	8	2	-	3
		F	45	-	1	4	1	17	10	-	3	5	2	-	2
	II. NEOPLASMS	T	28,956	566	146	1,151	870	8,130	10,284	1,544	1,323	1,878	3,029	16	19
		M	15,982	322	76	587	456	4,445	5,598	917	764	1,056	1,739	9	13
		F	12,974	244	70	564	414	3,685	4,686	627	559	822	1,290	7	6
A 44	Malignant neoplasm of buccal cavity and pharynx	T	605	16	3	18	10	220	220	20	12	21	62	-	3
		M	468	11	3	13	7	186	166	15	11	16	38	-	2
		F	137	5	-	5	3	34	54	5	1	5	24	-	1

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST
OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 45	Malignant neoplasm of oesophagus	T	490	13	2	11	6	146	209	23	20	23	37	-	-
		M	366	10	1	7	6	114	152	17	17	20	22	-	-
		F	124	3	1	4	-	32	57	6	3	3	15	-	-
A 46	Malignant neoplasm of stomach	T	2,526	97	13	116	87	734	779	148	116	184	252	-	-
		M	1,613	70	10	69	47	445	488	102	74	136	172	-	-
		F	913	27	3	47	40	289	291	46	42	48	80	-	-
A 47	Malignant neoplasm of intestine, except rectum	T	3,334	59	15	168	102	975	1,218	171	127	182	315	1	1
		M	1,591	30	8	72	45	489	540	78	75	84	168	1	1
		F	1,743	29	7	96	57	486	678	93	52	98	147	-	-
A 48	Malignant neoplasm of rectum	T	1,290	22	5	58	42	338	497	60	61	86	119	1	1
		M	775	11	2	34	27	204	294	40	37	50	74	1	1
		F	515	11	3	24	15	134	203	20	24	36	45	-	-
A 49	Malignant neoplasm of larynx	T	243	4	-	8	3	101	73	17	10	6	21	-	-
		M	213	3	-	7	-	94	66	13	8	4	18	-	-
		F	30	1	-	1	3	7	7	4	2	2	3	-	-
A 50	Malignant neoplasm of trachea and of bronchus and lung not specified as secondary	T	4,470	63	9	150	119	1,205	1,643	255	192	233	593	4	4
		M	3,800	52	5	127	106	1,013	1,415	219	158	202	495	4	4
		F	670	11	4	23	13	192	228	36	34	31	98	-	-
A 51	Malignant neoplasm of breast	T	2,615	38	15	113	76	741	953	139	97	163	278	1	1
		M	25	1	-	-	1	10	7	3	2	-	1	-	-
		F	2,590	37	15	113	75	731	946	1·36	95	163	277	1	1
A 52	Malignant neoplasm of cervix uteri	F	642	18	5	28	26	165	263	20	17	33	66	-	1
A 53	Malignant neoplasm of other and unspecified parts of uterus	F	431	4	1	6	16	168	142	16	24	20	34	-	-
A 54	Malignant neoplasm of prostrate	M	1,510	32	14	45	51	372	507	102	94	116	175	2	-
A 55	Malignant neoplasm of skin	T	362	5	4	7	15	96	130	14	14	32	45	-	-
		M	206	5	2	3	10	46	77	12	6	14	31	-	-
		F	156	-	2	4	5	50	53	2	8	18	14	-	-
A 56	Malignant neoplasm of bone and connective tissue	T	293	9	1	12	6	101	97	12	15	14	25	-	1
		M	176	2	1	9	2	61	56	10	10	8	17	-	-
		F	117	7	-	3	4	40	41	2	5	6	8	-	1
A 57	Malignant neoplasm of all other and unspecified sites	T	7,113	136	43	291	215	1,940	2,480	379	371	539	709	5	5
		M	3,514	66	23	135	101	962	1,219	204	181	272	346	1	4
		F	3,599	70	20	156	114	978	1,261	175	190	267	363	4	1
	A Other digestive organs (155 - 159)	T	2,778	46	13	100	72	814	925	144	152	193	316	2	1
		M	1,483	23	9	50	36	416	492	88	79	114	174	1	1
		F	1,295	23	4	50	36	398	433	56	73	79	142	1	-
	B Other respiratory organs (160, 164, 165)	T	125	5	2	3	6	28	61	6	6	2	6	-	-
		M	82	5	-	1	4	23	36	6	4	1	2	-	-
		F	43	-	2	2	2	5	25	-	2	1	4	-	-
	C Urinary organs (180, 181)	T	1,360	21	7	56	46	355	521	67	71	87	127	-	2
		M	924	10	5	38	30	237	352	53	49	62	86	-	2
		F	436	11	2	18	16	118	169	14	22	25	41	-	-
	D Brain and other parts of nervous system (193)	T	842	15	8	30	23	267	278	47	27	59	88	-	-
		M	484	9	4	16	12	150	170	24	14	36	49	-	-
		F	358	6	4	14	11	117	108	23	13	23	39	-	-
	E Other	T	2,008	49	13	102	68	476	695	115	115	198	172	3	2
		M	541	19	5	30	19	136	169	33	35	59	35	-	1
		F	1,467	30	8	72	49	340	526	82	80	139	137	3	1
A 58	Leukaemia and aleukaemia	T	1,249	24	4	53	41	322	469	68	57	100	109	1	1
		M	732	14	1	27	24	182	272	47	36	62	66	-	1
		F	517	10	3	26	17	140	197	21	21	38	43	1	-
A 59	Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	T	1,442	15	9	40	43	415	500	83	73	98	165	-	1
		M	831	10	5	27	24	227	284	46	42	58	108	-	-
		F	611	5	4	13	19	188	216	37	31	40	57	-	1
	A Hodgkin's disease (201)	T	311	1	1	8	10	87	101	17	18	33	35	-	-
		M	182	1	1	6	6	50	58	9	7	21	23	-	-
		F	129	-	-	2	4	37	43	8	11	12	12	-	-
	B Other	T	1,131	14	8	32	33	328	399	66	55	65	130	-	1
		M	649	9	4	21	18	177	226	37	35	37	85	-	-
		F	482	5	4	11	15	151	173	29	20	28	45	-	1
A 60	Benign neoplasms and neoplasms of unspecified nature	T	341	11	3	27	12	91	104	17	23	28	24	1	-
		M	162	5	1	12	5	40	55	9	13	14	8	-	-
		F	179	6	2	15	7	51	49	8	10	14	16	1	-
	III, IV. ALLERGIC DISORDERS AND ENDOCRINE METABOLIC AND BLOOD DISEASES	T	4,383	58	23	220	139	1,518	1,404	190	211	284	336	-	-
		M	2,096	20	8	114	62	689	682	99	108	137	177	-	-
		F	2,287	38	15	106	77	829	722	91	103	147	159	-	-
A 61	Nontoxic goitre	T	13	-	-	1	-	7	3	-	1	1	-	-	-
		M	5	-	-	1	-	4	-	-	-	-	-	-	-
		F	8	-	-	-	-	3	3	-	1	1	-	-	-
A 62	Thyrotoxicosis with or without goitre	T	36	-	-	-	1	19	11	-	1	-	4	-	-
		M	12	-	-	-	-	6	3	-	-	-	3	-	-
		F	24	-	-	-	1	13	8	-	1	-	1	-	-

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 63	Diabetes mellitus	T	2,897	36	11	148	82	1,076	903	107	146	204	184	-	-
		M	1,296	10	3	70	33	455	412	52	69	100	92	-	-
		F	1,601	26	8	78	49	621	491	55	77	104	92	-	-
A 64	Avitaminosis and other deficiency states	T	72	2	-	4	3	9	33	4	2	3	12	-	-
		M	40	1	-	3	1	5	23	1	1	2	3	-	-
		F	32	1	-	1	2	4	10	3	1	1	9	-	-
A 65	Anaemias	T	369	7	4	21	19	123	120	15	17	13	30	-	-
		M	188	3	2	12	13	56	65	6	9	6	16	-	-
		F	181	4	2	9	6	67	55	9	8	7	14	-	-
A 66	Allergic disorders; all other endocrine, metabolic and blood diseases	T	996	13	8	46	34	284	334	64	44	63	106	-	-
		M	555	6	3	28	15	163	179	40	29	29	63	-	-
		F	441	7	5	18	19	121	155	24	15	34	43	-	-
	V. MENTAL, PSYCHONEUROTIC, AND PERSONALITY DISORDERS.	T	579	10	2	21	18	208	208	12	15	25	57	-	3
		M	377	9	1	19	11	119	142	6	10	18	40	-	2
		F	202	1	1	2	7	89	66	6	5	7	17	-	1
A 67	Psychoses	T	210	2	-	2	5	100	72	8	4	3	13	-	1
		M	104	2	-	2	1	45	39	4	1	3	7	-	-
		F	106	-	-	-	4	55	33	4	3	-	6	-	1
A 68	Psychoneuroses and disorders of personality	T	268	3	2	12	11	54	115	2	5	20	42	-	2
		M	218	3	1	12	10	44	95	1	5	13	32	-	2
		F	50	-	1	-	1	10	20	1	-	7	10	-	-
A 69	Mental deficiency	T	101	5	-	7	2	54	21	2	6	2	2	-	-
		M	55	4	-	5	-	30	8	1	4	2	1	-	-
		F	46	1	-	2	2	24	13	1	2	-	1	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	T	17,155	433	131	858	602	3,904	6,276	897	840	1,162	2,034	2	16
		M	8,430	231	63	402	292	1,927	3,008	444	455	603	1,001	1	3
		F	8,725	202	68	456	310	1,977	3,268	453	385	559	1,033	1	13
A 70	Vascular lesions affecting central nervous system	T	15,525	391	122	790	555	3,399	5,797	796	764	1,030	1,871	2	8
		M	7,554	209	57	358	265	1,674	2,734	395	417	527	916	1	1
		F	7,971	182	65	432	290	1,725	3,063	401	347	503	955	1	7
A 71	Nonmeningococcal meningitis	T	146	6	-	-	2	30	37	9	10	14	30	-	8
		M	78	3	-	-	2	16	23	1	5	10	16	-	2
		F	68	3	-	-	-	14	14	8	5	4	14	-	6
A 72	Multiple sclerosis	T	197	2	3	9	7	51	52	15	11	23	24	-	-
		M	85	-	2	5	4	16	23	6	6	15	8	-	-
		F	112	2	1	4	3	35	29	9	5	8	16	-	-
A 73	Epilepsy	T	229	2	2	10	8	84	61	14	7	25	16	-	-
		M	125	2	1	6	3	42	40	9	2	14	6	-	-
		F	104	-	1	4	5	42	21	5	5	11	10	-	-
A 74	Inflammatory diseases of eye	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	Cataract	T	3	-	-	-	1	-	-	-	1	-	1	-	-
		M	2	-	-	-	-	-	-	-	1	-	1	-	-
		F	1	-	-	-	1	-	-	-	-	-	-	-	-
A 76	Glaucoma	T	3	-	-	-	-	1	1	-	-	-	1	-	-
		M	2	-	-	-	-	-	1	-	-	-	1	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-
A 77	Otitis media and mastoiditis	T	59	-	-	3	2	26	16	2	1	2	7	-	-
		M	26	-	-	1	-	11	8	1	1	1	3	-	-
		F	33	-	-	2	2	15	8	1	-	1	4	-	-
A 78	All other diseases of the nervous system and sense organs	T	993	32	4	46	27	313	312	61	46	68	84	-	-
		M	558	17	3	32	18	168	179	32	23	36	50	-	-
		F	435	15	1	14	9	145	133	29	23	32	34	-	-
	VII. DISEASES OF THE CIRCULATORY SYSTEM.	T	61,087	1,021	432	2,701	2,049	15,224	23,347	3,108	2,951	3,463	6,752	18	21
		M	36,788	640	255	1,603	1,239	9,206	13,644	1,894	1,915	2,277	4,088	16	11
		F	24,299	381	177	1,098	810	6,018	9,703	1,214	1,036	1,186	2,664	2	10
A 79	Rheumatic fever	T	30	-	-	2	-	16	4	3	4	-	-	-	1
		M	17	-	-	2	-	10	2	2	1	-	-	-	-
		F	13	-	-	-	-	6	2	1	3	-	-	-	1
A 80	Chronic rheumatic heart disease	T	1,225	16	4	52	29	390	436	52	45	86	115	-	-
		M	559	7	2	30	17	170	199	27	22	40	45	-	-
		F	666	9	2	22	12	220	237	25	23	46	70	-	-
A 81	Arteriosclerotic and degenerative heart disease	T	49,411	769	335	2,124	1,655	12,174	19,315	2,421	2,260	2,753	5,577	16	12
		M	30,818	509	207	1,308	1,016	7,755	11,652	1,525	1,509	1,866	3,450	15	6
		F	18,593	260	128	816	639	4,419	7,663	896	751	887	2,127	1	6
A 82	Other diseases of heart	T	2,376	112	15	133	97	499	737	151	232	182	210	2	6
		M	1,353	63	9	75	53	257	403	89	155	121	123	1	4
		F	1,023	49	6	58	44	242	334	62	77	61	87	1	2

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 83	Hypertension with heart disease	T	2,094	34	30	81	81	742	659	89	85	87	206	-	-
		M	899	18	15	30	37	275	292	52	38	40	102	-	-
		F	1,195	16	15	51	44	467	367	37	47	47	104	-	-
A 84	Hypertension without mention of heart	T	728	17	14	44	19	238	199	41	32	49	75	-	-
		M	370	7	7	18	11	122	95	22	21	28	39	-	-
		F	358	10	7	26	8	116	104	19	11	21	36	-	-
A 85	Diseases of arteries	T	4,433	61	27	228	153	1,061	1,672	257	237	241	495	-	1
		M	2,355	31	12	117	95	556	842	138	135	142	287	-	-
		F	2,078	30	15	111	58	505	830	119	102	99	208	-	1
A 86	Other diseases of circulatory system	T	790	12	7	37	15	104	325	94	56	65	74	-	1
		M	417	5	3	23	10	61	159	39	34	40	42	-	1
		F	373	7	4	14	5	43	166	55	22	25	32	-	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.	T	9,832	257	46	442	259	1,947	3,612	689	569	726	1,235	9	41
		M	6,195	142	31	282	159	1,235	2,279	401	354	460	827	6	19
		F	3,637	115	15	160	100	712	1,333	288	215	266	408	3	22
A 87	Acute upper respiratory infections	T	63	-	-	4	2	8	26	1	2	5	15	-	-
		M	38	-	-	2	1	5	12	1	2	3	12	-	-
		F	25	-	-	2	1	3	14	-	-	2	3	-	-
A 88	Influenza	T	785	21	2	37	20	332	229	27	17	54	44	-	2
		M	358	7	1	22	6	144	111	9	8	28	22	-	-
		F	427	14	1	15	14	188	118	18	9	26	22	-	2
A 89	Lobar pneumonia	T	541	20	-	26	12	54	223	38	35	31	99	1	2
		M	341	11	-	12	9	30	142	20	21	26	67	1	2
		F	200	9	-	14	3	24	81	18	14	5	32	-	-
A 90	Bronchopneumonia	T	3,327	81	14	115	77	456	1,341	298	230	243	457	-	15
		M	1,846	46	9	71	51	259	720	151	124	125	282	-	8
		F	1,481	35	5	44	26	197	621	147	106	118	175	-	7
A 91	Primary atypical, other and unspecified pneumonia	T	1,565	66	12	94	59	203	554	124	85	136	214	3	15
		M	846	35	10	49	30	102	304	64	46	75	122	2	7
		F	719	31	2	45	29	101	250	60	39	61	92	1	8
A 92	Acute bronchitis	T	79	3	-	3	-	19	22	6	5	4	17	-	-
		M	51	2	-	2	-	14	9	2	4	3	15	-	-
		F	28	1	-	1	-	5	13	4	1	1	2	-	-
A 93	Bronchitis, chronic and unqualified	T	1,519	22	6	65	23	389	552	88	84	110	179	-	1
		M	1,247	17	3	54	16	317	460	70	67	93	150	-	-
		F	272	5	3	11	7	72	92	18	17	17	29	-	1
A 94	Hypertrophy of tonsils and adenoids	T	9	-	-	-	-	3	1	2	1	-	2	-	-
		M	6	-	-	-	-	2	-	1	1	-	2	-	-
		F	3	-	-	-	-	1	1	1	-	-	-	-	-
A 95	Empyema and abscess of lung	T	73	1	-	4	4	10	34	4	2	6	7	1	-
		M	51	1	-	3	4	8	22	3	2	4	4	-	-
		F	22	-	-	1	-	2	12	1	-	2	3	1	-
A 96	Pleurisy	T	31	1	-	-	1	14	8	4	1	-	2	-	-
		M	18	-	-	-	1	9	4	3	1	-	-	-	-
		F	13	1	-	-	-	5	4	1	-	-	2	-	-
A 97	All other respiratory disease	T	1,840	42	12	94	61	459	622	97	107	137	199	4	6
		M	1,393	23	8	67	41	345	495	77	78	103	151	3	2
		F	447	19	4	27	20	114	127	20	29	34	48	1	4
	IX. DISEASES OF THE DIGESTIVE SYSTEM.	T	5,635	87	31	187	144	1,537	2,101	286	275	362	619	1	5
		M	3,243	45	18	107	82	915	1,188	155	170	200	360	1	2
		F	2,392	42	13	80	62	622	913	131	105	162	259	-	3
A 98	Diseases of teeth and supporting structures	T	6	-	-	-	-	1	3	-	1	1	-	-	-
		M	4	-	-	-	-	1	3	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	1	1	-	-	-
A 99	Ulcer of stomach	T	476	6	1	20	17	152	159	22	29	23	47	-	-
		M	318	5	1	16	11	107	98	11	22	16	31	-	-
		F	158	1	-	4	6	45	61	11	7	7	16	-	-
A100	Ulcer of duodenum	T	424	1	4	13	11	66	171	27	34	29	68	-	-
		M	314	1	4	7	7	50	125	18	25	23	54	-	-
		F	110	-	-	6	4	16	46	9	9	6	14	-	-
A101	Gastritis and duodenitis	T	46	-	1	1	3	12	17	1	3	4	4	-	-
		M	29	-	1	-	1	8	10	-	2	4	3	-	-
		F	17	-	-	1	2	4	7	1	1	-	1	-	-
A102	Appendicitis	T	118	2	-	4	6	30	41	7	8	7	13	-	-
		M	81	1	-	3	3	25	25	5	6	3	10	-	-
		F	37	1	-	1	3	5	16	2	2	4	3	-	-
A103	Intestinal obstruction and hernia	T	924	16	7	34	29	214	355	54	44	44	126	-	1
		M	472	6	3	18	17	110	165	33	30	24	66	-	-
		F	452	10	4	16	12	104	190	21	14	20	60	-	1
A104	Gastro-enteritis and colitis, except diarrhoea of the newborn	T	608	7	4	21	7	168	224	37	34	42	63	-	1
		M	262	5	-	12	4	82	87	15	17	18	21	-	1
		F	346	2	4	9	3	86	137	22	17	24	42	-	-

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A105	Cirrhosis of liver	T	1,517	19	5	33	21	458	628	60	39	83	170	1	-
		M	1,001	15	2	19	18	326	401	33	28	50	108	1	-
		F	516	4	3	14	3	132	227	27	11	33	62	-	-
A106	Cholelithiasis and cholecystitis	T	631	8	2	21	23	217	182	24	35	51	67	-	1
		M	289	2	1	8	10	93	97	12	12	19	35	-	-
		F	342	6	1	13	13	124	85	12	23	32	32	-	1
A107	Other diseases of digestive system	T	885	28	7	40	27	219	321	54	48	78	61	-	2
		M	473	10	6	24	11	113	177	28	28	43	32	-	1
		F	412	18	1	16	16	106	144	26	20	35	29	-	1
	X. DISEASES OF THE GENITO-URINARY SYSTEM.	T	2,381	53	17	135	94	745	746	102	113	123	252	1	-
		M	1,419	31	11	78	53	435	436	67	66	78	164	-	-
		F	962	22	6	57	41	310	310	35	47	45	88	1	-
A108	Acute nephritis	T	29	-	-	1	2	14	6	1	3	1	1	-	-
		M	14	-	-	1	1	7	2	1	1	-	1	-	-
		F	15	-	-	-	1	7	4	-	2	1	-	-	-
A 109	Chronic, other and unspecified nephritis	T	892	20	10	53	40	307	282	38	33	41	67	1	-
		M	455	12	7	29	17	142	153	24	13	17	41	-	-
		F	437	8	3	24	23	165	129	14	20	24	26	1	-
A110	Infections of kidney	T	649	20	3	32	26	156	214	25	42	27	104	-	-
		M	338	9	1	14	15	96	94	14	28	15	52	-	-
		F	311	11	2	18	11	60	120	11	14	12	52	-	-
A111	Calculi of urinary system	T	96	-	-	8	6	22	36	4	6	5	9	-	-
		M	55	-	-	3	4	15	21	1	-	5	6	-	-
		F	41	-	-	5	2	7	15	3	6	-	3	-	-
A112	Hyperplasia of prostate	M	332	5	3	19	5	82	111	21	15	22	49	-	-
A113	Diseases of breast	T	1	-	-	-	-	-	-	-	1	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	1	-	-	-	-
A114	Other diseases of genito-urinary system	T	382	8	1	22	15	164	97	13	13	27	22	-	-
		M	225	5	-	12	11	93	55	6	9	19	15	-	-
		F	157	3	1	10	4	71	42	7	4	8	7	-	-
	XI. DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM.[1]	F	99	3	-	6	6	36	22	4	3	8	11	-	-
A115	Sepsis of pregnancy, childbirth and the puerperium.[1]	F	13	-	-	1	2	4	3	2	-	1	-	-	-
A116	Toxaemias of pregnancy and the puerperium.[1]	F	19	1	-	1	4	4	7	1	1	-	-	-	-
A117	Haemorrhage of pregnancy and childbirth.[1]	F	17	1	-	2	-	6	1	-	1	3	3	-	-
A118	Abortion without mention of sepsis or toxaemia.[1]	F	5	-	-	-	-	1	-	-	-	2	2	-	-
A119	Abortion with sepsis.[1]	F	8	-	-	-	-	3	1	-	-	1	3	-	-
A120	Other complications of pregnancy, childbirth and the puerperium.[1]	F	37	1	-	2	-	18	10	1	1	1	3	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM	T	602	12	3	26	18	186	217	29	27	36	48	-	-
		M	248	9	1	12	8	65	98	10	10	17	18	-	-
		F	354	3	2	14	10	121	119	19	17	19	30	-	-
A121	Infections of skin and subcutaneous tissue	T	33	-	-	1	-	7	20	2	-	-	3	-	-
		M	23	-	-	1	-	4	14	1	-	-	3	-	-
		F	10	-	-	-	-	3	6	1	-	-	-	-	-
A122	Arthritis and spondylitis	T	277	5	-	15	6	98	93	13	8	14	25	-	-
		M	93	4	-	3	3	28	33	4	3	6	9	-	-
		F	184	1	-	12	3	70	60	9	5	8	16	-	-
A123	Muscular rheumatism and rheumatism unspecified	T	10	-	-	-	-	5	3	1	-	1	-	-	-
		M	4	-	-	-	-	2	2	-	-	-	-	-	-
		F	6	-	-	-	-	3	1	1	-	1	-	-	-
A124	Osteomyelitis and periostitis	T	14	-	1	1	1	5	-	-	3	2	1	-	-
		M	6	-	-	-	-	2	-	-	2	2	-	-	-
		F	8	-	1	1	1	3	-	-	1	-	1	-	-
A125	Ankylosis and acquired musculo-skeletal deformities	T	18	2	-	-	-	6	5	1	1	3	-	-	-
		M	8	2	-	-	-	2	3	-	-	1	-	-	-
		F	10	-	-	-	-	4	2	1	1	2	-	-	-
A126	All other diseases of skin and musculoskeletal system	T	250	5	2	9	11	65	96	12	15	16	19	-	-
		M	114	3	1	8	5	27	46	5	5	8	6	-	-
		F	136	2	1	1	6	38	50	7	10	8	13	-	-

[1] Per 100,000 live births

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST
OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
	XIV. CONGENITAL MALFORMATIONS	T	2,018	88	16	74	64	692	632	71	88	130	154	1	8
		M	1,062	43	14	39	36	355	326	41	52	72	79	1	4
		F	956	45	2	35	28	337	306	30	36	58	75	-	4
A127	Spina bifida and meningocele	T	270	12	2	9	13	115	75	12	3	17	12	-	-
		M	96	4	2	5	6	35	26	5	1	8	4	-	-
		F	174	8	-	4	7	80	49	7	2	9	8	-	-
	A Without hydrocephalus	T	125	1	1	6	5	59	30	7	-	10	6	-	-
		M	44	-	1	3	4	17	9	3	-	5	2	-	-
		F	81	1	-	3	1	42	21	4	-	5	4	-	-
	B With hydrocephalus	T	145	11	1	3	8	56	45	5	3	7	6	-	-
		M	52	4	1	2	2	18	17	2	1	3	2	-	-
		F	93	7	-	1	6	38	28	3	2	4	4	-	-
A128	Congenital malformations of circulatory system	T	903	41	8	35	29	274	277	33	51	61	89	1	4
		M	502	26	7	21	18	146	150	22	30	33	46	1	2
		F	401	15	1	14	11	128	127	11	21	28	43	-	2
A129	All other congenital malformations	T	845	35	6	30	22	303	280	26	34	52	53	-	4
		M	464	13	5	13	12	174	150	14	21	31	29	-	2
		F	381	22	1	17	10	129	130	12	13	21	24	-	2
	XV. CERTAIN DISEASES OF EARLY INFANCY	T	4,480	150	37	164	130	1,211	1,510	206	265	379	376	8	44
		M	2,596	94	25	89	70	712	875	124	158	210	211	4	24
		F	1,884	56	12	75	60	499	635	82	107	169	165	4	20
A130	Birth injuries	T	804	15	6	19	26	293	257	35	38	47	66	-	2
		M	481	10	3	14	12	176	151	20	28	30	36	-	1
		F	323	5	3	5	14	117	106	15	10	17	30	-	1
A131	Postnatal asphyxia and atelectasis	T	852	28	9	19	18	243	313	28	46	82	62	1	3
		M	498	16	5	9	10	135	194	14	28	51	34	-	2
		F	354	12	4	10	8	108	119	14	18	31	28	1	1
A132	Infections of the newborn	T	247	12	1	12	4	68	72	21	15	16	16	1	9
		M	135	6	1	8	2	43	41	9	6	10	7	-	2
		F	112	6	-	4	2	25	31	12	9	6	9	1	7
A133	Haemolytic disease of newborn	T	170	5	1	8	2	73	53	1	8	4	13	1	1
		M	92	4	-	3	-	41	27	-	5	3	8	1	-
		F	78	1	1	5	2	32	26	1	3	1	5	-	1
A134	All other defined diseases of early infancy	T	125	3	1	3	2	44	37	1	12	3	16	-	3
		M	72	1	-	-	2	25	24	-	10	1	8	-	1
		F	53	2	1	3	-	19	13	1	2	2	8	-	2
A135	Ill-defined diseases peculiar to early infancy, and immaturity unqualified	T	2,282	87	19	103	78	490	778	120	146	227	203	5	26
		M	1,318	57	16	55	44	292	438	81	81	115	118	3	18
		F	964	30	3	48	34	198	340	39	65	112	85	2	8
	XVI. SYMPTOMS, SENILITY, AND ILL-DEFINED CONDITIONS	T	1,026	108	9	39	29	185	249	43	60	262	38	-	4
		M	543	56	4	24	17	95	107	17	28	175	19	-	1
		F	483	52	5	15	12	90	142	26	32	87	19	-	3
A 136	Senility without mention of psychosis	T	370	51	1	12	11	51	110	28	28	48	27	-	3
		M	149	25	1	4	7	19	27	9	10	33	13	-	1
		F	221	26	-	8	4	32	83	19	18	15	14	-	2
A137	Ill-defined and unknown causes	T	656	57	8	27	18	134	139	15	32	214	11	-	1
		M	394	31	3	20	10	76	80	8	18	142	6	-	-
		F	262	26	5	7	8	58	59	7	14	72	5	-	1
	EXVII. ACCIDENTS, POISONINGS AND VIOLENCE (classification according to external cause).	T	13,855	239	94	534	456	3,569	4,677	642	709	1,064	1,787	28	56
		M	9,842	170	78	402	334	2,560	3,231	466	516	762	1,254	23	46
		F	4,013	69	16	132	122	1,009	1,446	176	193	302	533	5	10
AE138	Motor vehicle accidents	T	5,488	77	44	249	222	1,745	1,650	210	280	429	571	6	5
		M	4,002	54	37	188	176	1,267	1,203	158	207	308	398	3	3
		F	1,486	23	7	61	46	478	447	52	73	121	173	3	2
	A Traffic accidents (810-825)	T	5,375	75	43	245	214	1,722	1,606	209	278	418	555	6	4
		M	3,899	52	36	185	169	1,246	1,162	157	206	298	383	3	2
		F	1, 476	23	7	60	45	476	444	52	72	120	172	3	2
	B Non-traffic accidents	T	113	2	1	4	8	23	44	1	2	11	16	-	1
		M	103	2	1	3	7	21	41	1	1	10	15	-	1
		F	10	-	-	1	1	2	3	-	1	1	1	-	-
AE139	Other transport accidents	T	535	15	4	27	18	71	204	23	27	30	113	3	-
		M	471	14	4	26	18	56	180	19	22	28	101	3	-
		F	64	1	-	1	-	15	24	4	5	2	12	-	-
	A Drowning involving small boats (850)	T	251	11	3	15	8	38	99	15	10	7	44	1	-
		M	220	10	3	14	8	29	88	12	9	7	39	1	-
		F	31	1	-	1	-	9	11	3	1	-	5	-	-
	B Drowning involving other watercraft (851)	T	16	2	-	2	3	1	-	1	-	-	7	-	-
		M	14	2	-	2	3	1	-	-	-	-	6	-	-
		F	2	-	-	-	-	-	-	1	-	-	1	-	-
	C Other transport	T	268	2	1	10	7	32	105	7	17	23	62	2	-
		M	237	2	1	10	7	26	92	7	13	21	56	2	-
		F	31	-	-	-	-	6	13	-	4	2	6	-	-
AE140	Accidental poisoning	T	593	6	1	21	9	54	210	32	37	67	148	4	4
		M	377	3	1	18	6	38	128	13	24	46	93	3	4
		F	216	3	-	3	3	16	82	19	13	21	55	1	-

TABLE 14
DEATHS AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1958

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
AE141	Accidental falls	T	1,710	29	2	60	64	371	684	70	86	121	220	2	1
		M	898	12	2	36	29	204	336	37	53	63	124	1	1
		F	812	17	-	24	35	167	348	33	33	58	96	1	-
AE142	Accident caused by machinery	T	244	1	4	2	4	56	74	18	20	38	27	-	-
		M	229	1	4	2	4	51	70	17	18	35	27	-	-
		F	15	-	-	-	-	5	4	1	2	3	-	-	-
AE143	Accident caused by fire and explosion	T	682	28	15	26	31	146	223	32	26	56	88	2	9
		M	421	19	9	16	18	87	143	22	14	33	52	2	6
		F	261	9	6	10	13	59	80	10	12	23	36	-	3
AE144	Accident caused by hot substance, corrosive liquid, steam, and radiation	T	31	-	-	5	-	9	11	4	-	1	1	-	-
		M	20	-	-	2	-	7	5	4	-	1	1	-	-
		F	11	-	-	3	-	2	6	-	-	-	-	-	-
AE145	Accident caused by firearm	T	165	9	-	7	6	45	34	13	14	12	20	1	4
		M	150	6	-	7	5	42	30	13	12	12	18	1	4
		F	15	3	-	-	1	3	4	-	2	-	2	-	-
AE146	Accidental drowning	T	820	38	11	24	32	284	222	29	32	39	92	1	16
		M	674	33	9	22	23	236	177	27	25	32	73	1	16
		F	146	5	2	2	9	48	45	2	7	7	19	-	-
AE147	All other accidental causes	T	1,225	27	5	53	36	258	445	81	74	94	136	3	13
		M	906	20	4	40	29	184	319	58	56	73	111	3	9
		F	319	7	1	13	7	74	126	23	18	21	25	-	4
	All accidental causes	T	11,493	230	86	474	422	3,039	3,757	512	596	887	1,416	22	52
		M	8,148	162	70	357	308	2,172	2,591	368	431	631	998	17	43
		F	3,345	68	16	117	114	867	1,166	144	165	256	418	5	9
AE148	Suicide	T	2,021	6	8	53	29	433	821	109	93	155	305	5	4
		M	1,481	6	8	41	22	321	584	84	71	119	217	5	3
		F	540	-	-	12	7	112	237	25	22	36	88	-	1
AE149	Homicide and injury purposely inflicted by other persons (not in war)	T	338	3	-	7	4	97	97	21	20	22	66	1	-
		M	210	2	-	4	3	67	54	14	14	12	39	1	-
		F	128	1	-	3	1	30	43	7	6	10	27	-	-
AE150	Injury resulting from operations of war	T	3	-	-	-	1	-	2	-	-	-	-	-	-
		M	3	-	-	-	1	-	2	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
	NXVII. ACCIDENTS, POISONINGS AND VIOLENCE (classification according to nature of injury)	T	13,855	239	94	534	456	3,569	4,677	642	709	1,064	1,787	28	56
		M	9,842	170	78	402	334	2,560	3,231	466	516	762	1,254	23	46
		F	4,013	69	16	132	122	1,009	1,446	176	193	302	533	5	10
AN138	Fracture of skull	T	3,025	46	11	96	97	1,124	918	85	120	178	343	3	4
		M	2,335	32	11	78	81	853	715	67	95	134	265	2	2
		F	690	14	-	18	16	271	203	18	25	44	78	1	2
AN139	Fracture of spine and trunk	T	716	6	4	43	24	161	236	42	47	53	99	1	-
		M	497	3	4	26	19	122	149	29	34	41	69	1	-
		F	219	3	-	17	5	39	87	13	13	12	30	-	-
AN140	Fracture of limbs	T	1,092	16	3	39	44	261	432	49	47	72	129	-	-
		M	446	3	2	19	15	124	158	21	22	25	57	-	-
		F	646	13	1	20	29	137	274	28	25	47	72	-	-
AN141	Dislocation without fracture	T	14	1	-	1	-	4	4	-	-	-	4	-	-
		M	9	-	-	1	-	3	3	-	-	-	2	-	-
		F	5	1	-	-	-	1	1	-	-	-	2	-	-
AN142	Sprains and strains of joints and adjacent muscles	T	1	-	-	-	-	-	-	-	-	-	1	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
AN143	Head injury (excluding fracture)	T	1,392	7	6	57	49	364	452	66	89	123	168	6	5
		M	1,100	4	5	48	39	280	365	54	73	96	127	4	5
		F	292	3	1	9	10	84	87	12	16	27	41	2	-
AN144	Internal injury of chest, abdomen, and pelvis	T	2,656	46	23	118	92	616	831	123	170	291	338	4	4
		M	2,023	35	19	94	73	458	617	102	131	229	258	4	3
		F	633	11	4	24	19	158	214	21	39	62	80	-	1
AN145	Laceration and open wounds	T	192	1	-	10	9	28	74	3	10	16	37	1	3
		M	155	1	-	8	6	28	60	1	6	14	28	1	2
		F	37	-	-	2	3	-	14	2	4	2	9	-	1
AN146	Superficial injury, contusion and crushing with intact skin surface	T	22	-	1	2	1	2	7	3	2	-	4	-	-
		M	14	-	-	2	1	1	4	2	2	-	2	-	-
		F	8	-	1	-	-	1	3	1	-	-	2	-	-
AN147	Effects of foreign body entering through orifice	T	404	7	2	14	9	87	170	28	28	28	30	-	1
		M	232	3	2	9	4	43	100	18	18	14	20	-	1
		F	172	4	-	5	5	44	70	10	10	14	10	-	-
AN148	Burns	T	568	21	11	21	30	126	193	35	19	57	50	1	4
		M	359	14	7	14	17	80	123	27	9	37	27	1	3
		F	209	7	4	7	13	46	70	8	10	20	23	-	1
AN149	Effects of poisons	T	1,426	14	8	46	16	207	558	76	75	115	295	7	9
		M	843	9	6	33	12	117	318	37	46	74	179	5	7
		F	583	5	2	13	4	90	240	39	29	41	116	2	2
AN150	All other and unspecified effects of external causes	T	2,347	74	25	87	85	589	802	132	102	131	289	5	26
		M	1,828	66	22	70	67	451	619	108	80	98	219	5	23
		F	519	8	3	17	18	138	183	24	22	33	70	-	3

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
	All causes	T	738.5	616.0	900.0	869.7	786.1	667.1	760.4	811.3	781.0	652.9	838.5	560.0	735.5
		M	860.1	708.9	1,054.0	992.9	905.5	779.6	871.1	960.4	944.9	786.1	988.1	753.1	790.4
		F	616.0	519.1	742.6	745.4	665.6	555.1	649.8	661.4	610.3	515.0	684.9	333.3	671.3
	I. INFECTIVE AND PARASITIC DISEASES.	T	5.3	7.5	2.7	6.8	4.3	7.5	3.7	5.7	5.1	4.0	5.0	-	35.5
		M	6.8	8.5	1.8	8.4	5.7	9.8	5.0	7.4	4.7	4.6	6.5	-	41.9
		F	3.8	6.4	3.7	5.3	2.9	5.2	2.4	3.9	5.5	3.3	3.4	-	28.0
A 1	Tuberculosis of respiratory system	T	2.7	2.4	0.9	3.3	1.9	4.8	1.6	2.6	2.4	1.2	2.1	-	6.5
		M	3.8	3.1	1.8	5.0	2.9	6.9	2.5	3.3	1.8	1.5	3.0	-	6.0
		F	1.6	1.6	-	1.6	1.0	2.7	0.8	1.9	3.0	0.8	1.3	-	7.0
	A Active	T	2.2	2.0	0.9	2.2	1.8	4.4	1.3	1.3	1.4	0.7	1.5	-	3.2
		M	3.2	2.7	1.8	3.1	2.6	6.3	2.0	1.8	1.0	1.0	2.3	-	-
		F	1.2	1.2	-	1.3	1.0	2.4	0.6	0.8	1.7	0.4	0.8	-	7.0
	B Inactive (002.2, 008.2)	T	0.5	0.4	-	1.1	0.2	0.4	0.3	1.2	1.0	0.5	0.6	-	3.2
		M	0.7	0.4	-	1.8	0.3	0.6	0.5	1.4	0.8	0.5	0.7	-	6.0
		F	0.3	0.4	-	0.3	-	0.2	0.2	1.0	1.3	0.4	0.5	-	-
A 2	Tuberculosis of meninges and central nervous system	T	0.1	-	-	0.1	-	0.2	*	0.2	-	0.1	0.1	-	-
		M	0.1	-	-	0.3	-	0.2	0.1	-	-	0.1	0.1	-	-
		F	0.1	-	-	-	-	0.1	-	0.4	-	-	0.1	-	-
A 3	Tuberculosis of intestines, peritoneum and mesenteric glands	T	*	-	-	-	-	0.1	-	-	-	0.1	-	-	-
		M	*	-	-	-	-	0.1	-	-	-	0.1	-	-	-
		F	*	-	-	-	-	*	-	-	-	-	-	-	-
A 4	Tuberculosis of bones and joints	T	*	-	-	-	-	0.1	*	0.1	-	-	-	-	-
		M	0.1	-	-	-	-	0.1	0.1	0.2	-	-	-	-	-
		F	*	-	-	-	-	*	-	-	-	-	-	-	-
A 5	Tuberculosis, all other forms	T	0.2	0.6	-	0.1	0.2	0.3	0.1	0.3	0.2	0.3	0.1	-	-
		M	0.2	0.8	-	-	0.3	0.2	0.1	0.2	0.4	0.4	-	-	-
		F	0.2	0.4	-	0.3	-	0.3	*	0.4	-	0.1	0.3	-	-
A 6	Congenital syphilis	T	*	-	-	-	-	-	*	-	-	-	-	-	-
		M	*	-	-	-	-	-	*	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 7	Early syphilis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 8	Tabes dorsalis	T	*	-	-	-	0.2	0.1	*	-	-	-	-	-	-
		M	0.1	-	-	-	0.3	0.1	*	-	-	-	-	-	-
		F	*	-	-	-	-	0.1	-	-	-	-	-	-	-
A 9	General paralysis of insane	T	*	0.2	-	-	-	0.1	*	-	-	-	-	-	-
		M	*	0.4	-	-	-	0.1	*	-	-	-	-	-	-
		F	*	-	-	-	-	0.1	-	-	-	-	-	-	-
A 10	All other syphilis	T	0.3	-	-	0.1	0.5	0.2	0.4	0.4	0.2	0.3	0.3	-	-
		M	0.4	-	-	0.3	0.6	0.3	0.5	0.8	0.4	0.4	0.5	-	-
		F	0.2	-	-	-	0.3	0.1	0.2	-	-	0.1	0.2	-	-
A 11	Gonococcal infection	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 12	Typhoid fever	T	*	-	-	-	-	*	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	*	-	-	-	-	0.1	-	-	-	-	-	-	-
A 13	Paratyphoid fever and other Salmonella infections	T	*	-	-	-	-	*	0.1	-	-	0.1	*	-	-
		M	*	-	-	-	-	-	-	-	-	0.1	0.1	-	-
		F	0.1	-	-	-	-	*	0.1	-	-	0.1	-	-	-
A 14	Cholera	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 15	Brucellosis (undulant fever)	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 16	Dysentery, all forms	T	*	-	-	-	-	*	*	0.2	-	-	-	-	-
		M	*	-	-	-	-	*	*	0.4	-	-	-	-	-
		F	*	-	-	-	-	-	*	-	-	-	-	-	-
A 17	Scarlet fever	T	*	-	-	-	-	*	*	-	-	0.1	-	-	-
		M	*	-	-	-	-	-	*	-	-	-	-	-	-
		F	*	-	-	-	-	*	-	-	-	0.1	-	-	-
A 18	Streptococcal sore throat	T	*	-	-	0.1	-	-	*	-	-	-	-	-	-
		M	*	-	-	-	-	-	*	-	-	-	-	-	-
		F	*	*	-	0.3	-	-	-	-	-	-	-	-	-
A 19	Erysipelas	T	*	-	-	0.1	-	*	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	*	-	-	0.3	-	0.1	-	-	-	-	-	-	-
A 20	Septicaemia and pyaemia	T	0.3	1.0	-	0.4	0.3	0.2	0.2	0.6	0.4	0.3	0.4	-	-
		M	0.4	0.8	-	0.8	0.6	0.3	0.2	1.0	0.4	0.3	0.8	-	-
		F	0.2	1.2	-	-	-	0.1	0.2	0.2	0.4	0.4	0.1	-	-
A 21	Diphtheria	T	*	-	-	-	-	-	*	0.2	-	-	0.1	-	-
		M	*	-	-	-	-	-	*	0.2	-	-	0.1	-	-
		F	*	-	-	-	-	-	*	0.2	-	-	0.1	-	-

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 22	Whooping cough	T	0.1	0.4	-	0.1	-	0.1	-	-	0.4	-	-	-	-
		M	0.1	-	-	0.3	-	0.1	-	-	0.4	-	-	-	-
		F	0.1	0.8	-	-	-	0.1	-	-	0.4	-	-	-	-
A 23	Meningococcal infections	T	0.1	0.6	-	-	0.2	0.1	*	-	0.2	0.3	0.1	-	9.7
		M	0.1	0.4	-	-	0.3	*	*	-	0.2	0.3	0.1	-	12.0
		F	0.1	0.8	-	-	-	0.1	0.1	-	0.2	0.3	0.2	-	7.0
A 24	Plague	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 25	Leprosy	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 26	Tetanus	T	*	-	-	-	-	-	*	-	0.1	-	-	-	-
		M	*	-	-	-	-	-	*	-	0.2	-	-	-	-
		F	*	-	-	-	-	-	*	-	-	-	-	-	-
A 27	Anthrax	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 28	Acute poliomyelitis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 29	Acute infectious encephalitis	T	0.2	0.8	-	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.3	-	-
		M	0.3	1.2	-	0.3	-	0.2	0.4	0.2	-	0.1	0.5	-	-
		F	0.1	0.4	-	-	0.3	0.2	0.1	-	0.2	-	0.1	-	-
A 30	Late effects of acute poliomyelitis and acute infectious encephalitis	T	0.1	0.2	-	0.5	0.2	0.1	0.1	0.4	-	0.1	0.1	-	-
		M	0.1	-	-	1.0	0.3	0.1	0.1	0.4	-	-	0.3	-	-
		F	0.1	0.4	-	-	-	*	*	0.4	-	0.1	-	-	-
A 31	Smallpox	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 32	Measles	T	0.1	0.6	-	0.7	-	0.1	*	-	0.2	-	-	-	-
		M	0.1	0.8	-	-	-	0.1	*	-	0.2	-	-	-	-
		F	0.1	0.4	-	1.3	-	0.1	0.1	-	0.2	-	-	-	-
A 33	Yellow fever	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 34	Infectious hepatitis	T	0.4	0.2	0.9	0.3	0.5	0.3	0.4	0.3	0.2	0.4	0.8	-	-
		M	0.4	-	-	-	-	0.4	0.4	0.2	-	0.3	0.8	-	-
		F	0.4	0.4	1.8	0.5	1.0	0.3	0.4	0.4	0.4	0.5	0.8	-	-
A 35	Rabies	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 36	Typhus and other rickettsial diseases	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 37	Malaria	T	*	-	-	-	-	-	-	-	-	-	*	-	-
		M	*	-	-	-	-	-	-	-	-	-	0.1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 38	Schistosomiasis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 39	Hydatid diseases	T	*	-	-	-	-	*	-	-	-	-	-	-	-
		M	*	-	-	-	-	*	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	Filariasis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	Ankylostomiasis	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	Other diseases due to helminths	T	*	-	-	-	-	*	-	-	-	-	-	-	3.2
		M	*	-	-	-	-	*	-	-	-	-	-	-	6.0
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	All other diseases classified as infective and parasitic	T	0.5	0.6	0.9	0.8	0.3	0.5	0.4	0.2	0.6	0.9	0.2	-	16.1
		M	0.5	1.2	-	0.5	0.3	0.5	0.4	0.4	0.6	1.0	0.2	-	18.0
		F	0.4	-	1.8	1.1	0.3	0.6	0.3	-	0.6	0.7	0.2	-	14.0
	II. NEOPLASMS	T	139.6	111.6	132.7	151.4	139.4	137.2	140.8	159.0	137.8	123.1	150.9	106.7	61.3
		M	153.5	124.5	136.7	153.8	145.5	150.3	153.4	188.3	156.0	136.1	171.1	111.1	77.8
		F	125.5	98.3	128.7	149.1	133.2	124.1	128.2	129.5	118.9	109.6	130.2	101.4	42.0
	All malignant neoplasms (A44 - A59)	T	137.9	109.5	130.0	147.9	137.5	135.6	139.3	157.3	135.4	121.2	149.7	100.0	61.3
		M	152.0	122.5	134.9	150.6	144.0	149.0	151.9	186.4	153.3	134.3	170.3	111.1	77.8
		F	123.8	95.9	125.0	145.1	131.0	122.3	126.8	127.9	116.8	107.7	128.6	87.0	42.0
A 44	Malignant neoplasm of buccal cavity and pharynx	T	2.9	3.2	2.7	2.4	1.6	3.7	3.0	2.1	1.2	1.4	3.1	-	9.7
		M	4.5	4.3	5.4	3.4	2.2	6.3	4.5	3.1	2.2	2.1	3.7	-	12.0
		F	1.3	2.0	-	1.3	1.0	1.1	1.5	1.0	0.2	0.7	2.4	-	7.0

TABLE 15

DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 45	Malignant neoplasm of oesophagus	T	2.4	2.6	1.8	1.4	1.0	2.5	2.9	2.4	2.1	1.5	1.8	-	-
		M	3.5	3.9	1.8	1.8	1.9	3.9	4.2	3.5	3.5	2.6	2.2	-	-
		F	1.2	1.2	1.8	1.1	-	1.1	1.6	1.2	0.6	0.4	1.5	-	-
A 46	Malignant neoplasm of stomach	T	12.2	19.1	11.8	15.3	13.9	12.4	10.7	15.2	12.1	12.1	12.6	-	-
		M	15.5	27.1	18.0	18.1	15.0	15.1	13.4	20.9	15.1	17.5	16.9	-	-
		F	8.8	10.9	5.5	12.4	12.9	9.7	8.0	9.5	8.9	6.4	8.1	-	-
A 47	Malignant neoplasm of intestine, except rectum	T	16.1	11.6	13.6	22.1	16.3	16.5	16.7	17.6	13.2	11.9	15.7	6.7	3.2
		M	15.3	11.6	14.4	18.9	14.4	16.5	14.8	16.0	15.3	10.8	16.5	12.3	6.0
		F	16.9	11.7	12.9	25.4	18.3	16.4	18.5	19.2	11.1	13.1	14.8	-	-
A 48	Malignant neoplasm of rectum	T	6.2	4.3	4.5	7.6	6.7	5.7	6.8	6.2	6.4	5.6	5.9	6.7	3.2
		M	7.4	4.3	3.6	8.9	8.6	6.9	8.1	8.2	7.6	6.4	7.3	12.3	6.0
		F	5.0	4.4	5.5	6.3	4.8	4.5	5.6	4.1	5.1	4.8	4.5	-	-
A 49	Malignant neoplasm of larynx	T	1.2	0.8	-	1.1	0.5	1.7	1.0	1.8	1.0	0.4	1.0	-	-
		M	2.0	1.2	-	1.8	-	3.2	1.8	2.7	1.6	0.5	1.8	-	-
		F	0.3	0.4	-	0.3	1.0	0.2	0.2	0.8	0.4	0.3	0.3	-	-
A 50	Malignant neoplasm of trachea and of bronchus and lung not specified as secondary	T	21.5	12.4	8.2	19.7	19.1	20.3	22.5	26.3	20.0	15.3	29.5	26.7	12.9
		M	36.5	20.1	9.0	33.3	33.8	34.3	38.8	45.0	32.3	26.0	48.7	49.4	24.0
		F	6.5	4.4	7.4	6.1	4.2	6.5	6.2	7.4	7.2	4.1	9.9	-	-
A 51	Malignant neoplasm of breast	T	12.6	7.5	13.6	14.9	12.2	12.5	13.0	14.3	10.1	10.7	13.9	6.7	3.2
		M	0.2	0.4	-	-	0.3	0.3	0.2	0.6	0.4	-	0.1	-	-
		F	25.1	14.9	27.6	29.9	24.1	24.6	25.9	28.1	20.2	21.7	28.0	14.5	7.0
A 52	Malignant neoplasm of cervix uteri	F	6.2	7.2	9.2	7.4	8.4	5.6	7.2	4.1	3.6	4.4	6.7	-	7.0
A 53	Malignant neoplasm of other and unspecified parts of uterus	F	4.2	1.6	1.8	1.6	5.1	5.7	3.9	3.3	5.1	2.7	3.4	-	-
A 54	Malignant neoplasm of prostate	M	14.5	12.4	25.2	11.8	16.3	12.6	13.9	20.9	19.2	14.9	17.2	24.7	-
A 55	Malignant neoplasm of skin	T	1.7	1.0	3.6	0.9	2.4	1.6	1.8	1.4	1.5	2.1	2.2	-	-
		M	2.0	1.9	3.6	0.8	3.2	1.6	2.1	2.5	1.2	1.8	3.0	-	-
		F	1.5	-	3.7	1.1	1.6	1.7	1.4	0.4	1.7	2.4	1.4	-	-
A 56	Malignant neoplasm of bone and connective tissue	T	1.4	1.8	0.9	1.6	1.0	1.7	1.3	1.2	1.6	0.9	1.2	-	3.2
		M	1.7	0.8	1.8	2.4	0.6	2.1	1.5	2.1	2.0	1.0	1.7	-	-
		F	1.1	2.8	-	0.8	1.3	1.3	1.1	0.4	1.1	0.8	0.8	-	7.0
A 57	Malignant neoplasm of all other and unspecified sites	T	34.3	26.8	39.1	38.3	34.5	32.7	33.9	39.0	38.6	35.3	35.3	33.3	16.1
		M	33.8	25.5	41.4	35.4	32.2	32.5	33.4	41.9	36.9	35.0	34.0	12.3	24.0
		F	34.8	28.2	36.8	41.2	36.7	32.9	34.5	36.2	40.4	35.6	36.6	58.0	7.0
	A Other digestive organs (155 - 159)	T	13.4	9.1	11.8	13.2	11.5	13.7	12.7	14.8	15.8	12.6	15.7	13.3	3.2
		M	14.2	8.9	16.2	13.1	11.5	14.1	13.5	18.1	16.1	14.7	17.1	12.3	6.0
		F	12.5	9.3	7.4	13.2	11.6	13.4	11.8	11.6	15.5	10.5	14.3	14.5	-
	B Other respiratory organs (160, 164, 165)	T	0.6	1.0	1.8	0.4	1.0	0.5	0.8	0.6	0.6	0.1	0.3	-	-
		M	0.8	1.9	-	0.3	1.3	0.8	1.0	1.2	0.8	0.1	0.2	-	-
		F	0.4	-	3.7	0.5	0.6	0.2	0.7	-	0.4	0.1	0.4	-	-
	C Urinary organs (180, 181)	T	6.6	4.1	6.4	7.4	7.4	6.0	7.1	6.9	7.4	5.7	6.3	-	6.5
		M	8.9	3.9	9.0	10.0	9.6	8.0	9.6	10.9	10.0	8.0	8.5	-	12.0
		F	4.2	4.4	3.7	4.8	5.1	4.0	4.6	2.9	4.7	3.3	4.1	-	-
	D Brain and other parts of nervous system (193)	T	4.1	3.0	7.3	3.9	3.7	4.5	3.8	4.8	2.8	3.9	4.4	-	-
		M	4.6	3.5	7.2	4.2	3.8	5.1	4.7	4.9	2.9	4.6	4.8	-	-
		F	3.5	2.4	7.4	3.7	3.5	3.9	3.0	4.8	2.8	3.1	3.9	-	-
	E Other	T	9.7	9.7	11.8	13.4	10.9	8.0	9.5	11.8	12.0	13.0	8.6	20.0	6.5
		M	5.2	7.3	9.0	7.9	6.1	4.6	4.6	6.8	7.1	7.6	3.4	-	6.0
		F	14.2	12.1	14.7	19.0	15.8	11.4	14.4	16.9	17.0	18.5	13.8	43.5	7.0
A 58	Leukaemia and aleukaemia	T	6.0	4.7	3.6	7.0	6.6	5.4	6.4	7.0	5.9	6.6	5.4	6.7	3.2
		M	7.0	5.4	1.8	7.1	7.7	6.2	7.5	9.7	7.3	8.0	6.5	-	6.0
		F	5.0	4.0	5.5	6.9	5.5	4.7	5.4	4.3	4.5	5.1	4.3	14.5	-
A 59	Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	T	7.0	3.0	8.2	5.3	6.9	7.0	6.8	8.5	7.6	6.4	8.2	-	3.2
		M	8.0	3.9	9.0	7.1	7.7	7.7	7.8	9.4	8.6	7.5	10.6	-	-
		F	5.9	2.0	7.4	3.4	6.1	6.3	5.9	7.6	6.6	5.3	5.8	-	7.0
	A Hodgkin's disease (201)	T	1.5	0.2	0.9	1.1	1.6	1.5	1.4	1.8	1.9	2.2	1.7	-	-
		M	1.7	0.4	1.8	1.6	1.9	1.7	1.6	1.8	1.4	2.7	2.3	-	-
		F	1.2	-	-	0.5	1.3	1.2	1.2	1.7	2.3	1.6	1.2	-	-
	B Other	T	5.5	2.8	7.3	4.2	5.3	5.5	5.5	6.8	5.7	4.3	6.5	-	3.2
		M	6.2	3.5	7.2	5.5	5.7	6.0	6.2	7.6	7.1	4.8	8.4	-	-
		F	4.7	2.0	7.4	2.9	4.8	5.1	4.7	6.0	4.3	3.7	4.5	-	7.0
A 60	Benign neoplasms and neoplasms of unspecified nature	T	1.6	2.2	2.7	3.6	1.9	1.5	1.4	1.8	2.4	1.8	1.2	6.7	-
		M	1.6	1.9	1.8	3.1	1.6	1.4	1.5	1.8	2.7	1.8	0.8	-	-
		F	1.7	2.4	3.7	4.0	2.3	1.7	1.3	1.7	2.1	1.9	1.6	14.5	-
	III, IV. ALLERGIC DISORDERS AND ENDOCRINE METABOLIC AND BLOOD DISEASES	T	21.1	11.4	20.9	28.9	22.3	25.6	19.2	19.6	22.0	18.6	16.7	-	-
		M	20.1	7.7	14.4	29.9	19.8	23.3	18.7	20.3	22.0	17.7	17.4	-	-
		F	22.1	15.3	27.6	28.0	24.8	27.9	19.7	18.8	21.9	19.6	16.1	-	-
A 61	Nontoxic goitre	T	0.1	-	-	0.1	-	0.1	*	-	0.1	0.1	-	-	-
		M	*	-	-	0.3	-	0.1	-	-	-	-	-	-	-
		F	0.1	-	-	-	-	0.1	0.1	-	0.2	0.1	-	-	-
A 62	Thyrotoxicosis with or without goitre	T	0.2	-	-	-	0.2	0.3	0.2	-	0.1	-	0.2	-	-
		M	0.1	-	-	-	-	0.2	0.1	-	-	-	0.3	-	-
		F	0.2	-	-	-	0.3	0.4	0.2	-	0.2	-	0.1	-	-
A 63	Diabetes mellitus	T	14.0	7.1	10.0	19.5	13.1	18.2	12.4	11.0	15.2	13.4	9.2	-	-
		M	12.4	3.9	5.4	18.3	10.5	15.4	11.3	10.7	14.1	12.9	9.1	-	-
		F	15.5	10.5	14.7	20.6	15.8	20.9	13.4	11.4	16.4	13.9	9.3	-	-

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 64	Avitaminosis and other Deficiency states	T	0.3	0.4	-	0.5	0.5	0.2	0.5	0.4	0.2	0.2	0.6	-	-
		M	0.4	0.4	-	0.8	0.3	0.2	0.6	0.2	0.2	0.3	0.3	-	-
		F	0.3	0.4	-	0.3	0.6	0.1	0.3	0.6	0.2	0.1	0.9	-	-
A 65	Anaemias	T	1.8	1.4	3.6	2.8	3.0	2.1	1.6	1.5	1.8	0.9	1.5	-	-
		M	1.8	1.2	3.6	3.1	4.1	1.9	1.8	1.2	1.8	0.8	1.6	-	-
		F	1.8	1.6	3.7	2.4	1.9	2.3	1.5	1.9	1.7	0.9	1.4	-	-
A 66	Allergic disorders; all other endocrine, metabolic and blood diseases	T	4.8	2.6	7.3	6.1	5.4	4.8	4.6	6.6	4.6	4.1	5.3	-	-
		M	5.3	2.3	5.4	7.3	4.8	5.5	4.9	8.2	5.9	3.7	6.2	-	-
		F	4.3	2.8	9.2	4.8	6.1	4.1	4.2	5.0	3.2	4.5	4.3	-	-
	V. MENTAL, PSYCHONEUROTIC, AND PERSONALITY DISORDERS	T	2.8	2.0	1.8	2.8	2.9	3.5	2.8	1.2	1.6	1.6	2.8	-	9.7
		M	3.6	3.5	1.8	5.0	3.5	4.0	3.9	1.2	2.0	2.3	3.9	-	12.0
		F	2.0	0.4	1.8	0.5	2.3	3.0	1.8	1.2	1.1	0.9	1.7	-	7.0
A 67	Psychoses	T	1.0	0.4	-	0.3	0.8	1.7	1.0	0.8	0.4	0.2	0.6	-	3.2
		M	1.0	0.8	-	0.5	0.3	1.5	1.1	0.8	0.2	0.4	0.7	-	-
		F	1.0	-	-	-	1.3	1.9	0.9	0.8	0.6	-	0.6	-	7.0
A 68	Psychoneuroses and disorders of personality	T	1.3	0.6	1.8	1.6	1.8	0.9	1.6	0.2	0.5	1.3	2.1	-	6.5
		M	2.1	1.2	1.8	3.1	3.2	1.5	2.6	0.2	1.0	1.7	3.1	-	12.0
		F	0.5	-	1.8	-	0.3	0.3	0.5	0.2	-	0.9	1.0	-	-
A 69	Mental deficiency	T	0.5	1.0	-	0.9	0.3	0.9	0.3	0.2	0.6	0.1	0.1	-	-
		M	0.5	1.5	-	1.3	-	1.0	0.2	0.2	0.8	0.3	0.1	-	-
		F	0.4	0.4	-	0.5	0.6	0.8	0.4	0.2	0.4	-	0.1	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.	T	82.7	85.4	119.1	112.9	96.5	65.9	85.9	92.4	87.5	76.1	101.3	13.3	51.6
		M	81.0	89.3	113.3	105.3	93.2	65.2	82.4	91.2	92.9	77.7	98.5	12.3	18.0
		F	84.4	81.4	125.0	120.5	99.8	66.6	89.4	93.6	81.9	74.5	104.3	14.5	90.9
A 70	Vascular lesions affecting central nervous system	T	74.8	77.1	110.9	103.9	88.9	57.3	79.3	82.0	79.6	67.5	93.2	13.3	25.8
		M	72.6	80.8	102.5	93.8	84.6	56.6	74.9	81.1	85.1	67.9	90.1	12.3	6.0
		F	77.1	73.3	119.5	114.2	93.3	58.1	83.8	82.9	73.8	67.1	96.4	14.5	49.0
A 71	Nonmeningococcal meningitis	T	0.7	1.2	-	-	0.3	0.5	0.5	0.9	1.0	0.9	1.5	-	25.8
		M	0.7	1.2	-	-	0.6	0.5	0.6	0.2	1.0	1.3	1.6	-	12.0
		F	0.7	1.2	-	-	-	0.5	0.4	1.7	1.1	0.5	1.4	-	42.0
A 72	Multiple sclerosis	T	0.9	0.4	2.7	1.2	1.1	0.9	0.7	1.5	1.1	1.5	1.2	-	-
		M	0.8	-	3.6	1.3	1.3	0.5	0.6	1.2	1.2	1.9	0.8	-	-
		F	1.1	0.8	1.8	1.1	1.0	1.2	0.8	1.9	1.1	1.1	1.6	-	-
A 73	Epilepsy	T	1.1	0.4	1.8	1.3	1.3	1.4	0.8	1.4	0.7	1.6	0.8	-	-
		M	1.2	0.8	1.8	1.6	1.0	1.4	1.1	1.8	0.4	1.8	0.6	-	-
		F	1.0	-	1.8	1.1	1.6	1.4	0.6	1.0	1.1	1.5	1.0	-	-
A 74	Inflammatory diseases of eye	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	Cataract	T	*	-	-	-	0.2	-	-	-	0.1	-	*	-	-
		M	*	-	-	-	-	-	-	-	0.2	-	0.1	-	-
		F	*	-	-	-	0.3	-	-	-	-	-	-	-	-
A 76	Glaucoma	T	*	-	-	-	-	*	*	-	-	-	*	-	-
		M	*	-	-	-	-	-	*	-	-	-	0.1	-	-
		F	*	-	-	-	-	*	-	-	-	-	-	-	-
A 77	Otitis media and mastoiditis	T	0.3	-	-	0.4	0.3	0.4	0.2	0.2	0.1	0.1	0.3	-	-
		M	0.2	-	-	0.3	-	0.4	0.2	0.2	0.2	0.1	0.3	-	-
		F	0.3	-	-	0.5	0.6	0.5	0.2	0.2	-	0.1	0.4	-	-
A 78	All other diseases of the nervous system and sense organs	T	4.8	6.3	3.6	6.1	4.3	5.3	4.3	6.3	4.8	4.5	4.2	-	-
		M	5.4	6.6	5.4	8.4	5.7	5.7	4.9	6.6	4.7	4.6	4.9	-	-
		F	4.2	6.0	1.8	3.7	2.9	4.9	3.6	6.0	4.9	4.3	3.4	-	-
	VII. DISEASES OF THE CIRCULATORY SYSTEM.	T	294.5	201.4	392.7	355.4	328.4	256.9	319.6	320.1	307.4	226.9	336.4	120.0	67.7
		M	353.4	247.4	458.6	420.0	395.5	311.4	373.8	388.9	390.9	293.4	402.2	197.5	65.9
		F	235.1	153.4	325.4	290.2	260.7	202.6	265.4	250.8	220.4	158.2	268.9	29.0	69.9
A 79	Rheumatic fever	T	0.1	-	-	0.3	-	0.3	0.1	0.3	0.4	-	-	-	3.2
		M	0.2	-	-	0.5	-	0.3	0.1	0.4	0.2	-	-	-	-
		F	0.1	-	-	-	-	0.2	0.1	0.2	0.6	-	-	-	7.0
A 80	Chronic rheumatic heart disease	T	5.9	3.2	3.6	6.8	4.6	6.6	6.0	5.4	4.7	5.6	5.7	-	-
		M	5.4	2.7	3.6	7.9	5.4	5.7	5.5	5.5	4.5	5.2	4.4	-	-
		F	6.4	3.6	3.7	5.8	3.9	7.4	6.5	5.2	4.9	6.1	7.1	-	-
A 81	Arteriosclerotic and degenerative heart disease	T	238.2	151.7	304.5	279.5	265.2	205.4	264.4	249.3	235.4	180.4	277.9	106.7	38.7
		M	296.0	196.8	372.3	342.7	324.3	262.3	319.3	313.1	308.0	240.4	339.4	185.2	35.9
		F	179.9	104.7	235.3	215.7	205.7	148.8	209.6	185.1	159.8	118.3	214.7	14.5	42.0
A 82	Other diseases of heart	T	11.5	22.1	13.6	17.5	15.5	8.4	10.1	15.6	24.2	11.9	10.5	13.3	19.4
		M	13.0	24.4	16.2	19.6	16.9	8.7	11.0	18.3	31.6	15.6	12.1	12.3	24.0
		F	9.9	19.7	11.0	15.3	14.2	8.1	9.1	12.8	16.4	8.1	8.8	14.5	14.0
A 83	Hypertension with heart disease	T	10.1	6.7	27.3	10.7	13.0	12.5	9.0	9.2	8.9	5.7	10.3	-	-
		M	8.6	7.0	27.0	7.9	11.8	9.3	8.0	10.7	7.8	5.2	10.0	-	-
		F	11.6	6.4	27.6	13.5	14.2	15.7	10.0	7.6	10.0	6.3	10.5	-	-

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A 84	Hypertension without mention of heart	T	3.5	3.4	12.7	5.8	3.0	4.0	2.7	4.2	3.3	3.2	3.7	-	-
		M	3.6	2.7	12.6	4.7	3.5	4.1	2.6	4.5	4.3	3.6	3.8	-	-
		F	3.5	4.0	12.9	6.9	2.6	3.9	2.8	3.9	2.3	2.8	3.6	-	-
A 85	Diseases of arteries	T	21.4	12.0	24.5	30.0	24.5	17.9	22.9	26.5	24.7	15.8	24.7	-	3.2
		M	22.6	12.0	21.6	30.7	30.3	18.8	23.1	28.3	27.6	18.3	28.2	-	-
		F	20.1	12.1	27.6	29.3	18.7	17.0	22.7	24.6	21.7	13.2	21.0	-	7.0
A 86	Other diseases of circulatory system	T	3.8	2.4	6.4	4.9	2.4	1.8	4.4	9.7	5.8	4.3	3.7	-	3.2
		M	4.0	1.9	5.4	6.0	3.2	2.1	4.4	8.0	6.9	5.2	4.1	-	6.0
		F	3.6	2.8	7.4	3.7	1.6	1.4	4.5	11.4	4.7	3.3	3.2	-	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.	T	47.4	50.7	41.8	58.2	41.5	32.8	49.4	71.0	59.3	47.6	61.5	60.0	132.3
		M	59.5	54.9	55.8	73.9	50.8	41.8	62.4	82.3	72.3	59.3	81.4	74.1	113.8
		F	35.2	46.3	27.6	42.3	32.2	24.0	36.5	59.5	45.7	35.5	41.2	43.5	153.8
A 87	Acute upper respiratory infections	T	0.3	-	-	0.5	0.3	0.1	0.4	0.1	0.2	0.3	0.7	-	-
		M	0.4	-	-	0.5	0.3	0.2	0.3	0.2	0.4	0.4	1.2	-	-
		F	0.2	-	-	0.5	0.3	0.1	0.4	-	-	0.3	0.3	-	-
A 88	Influenza	T	3.8	4.1	1.8	4.9	3.2	5.6	3.1	2.8	1.8	3.5	2.2	-	6.5
		M	3.4	2.7	1.8	5.8	1.9	4.9	3.0	1.8	1.6	3.6	2.2	-	-
		F	4.1	5.6	1.8	4.0	4.5	6.3	3.2	3.7	1.9	3.5	2.2	-	14.0
A 89	Lobar pneumonia	T	2.6	3.9	-	3.4	1.9	0.9	3.1	3.9	3.6	2.0	4.9	6.7	6.5
		M	3.3	4.3	-	3.1	2.9	1.0	3.9	4.1	4.3	3.4	6.6	12.3	12.0
		F	1.9	3.6	-	3.7	1.0	0.8	2.2	3.7	3.0	0.7	3.2	-	-
A 90	Bronchopneumonia	T	16.0	16.0	12.7	15.1	12.3	7.7	18.4	30.7	24.0	15.9	22.8	-	48.4
		M	17.7	17.8	16.2	18.6	16 3	8.8	19.7	31.0	25.3	16.1	27.7	-	47.9
		F	14.3	14.1	9.2	11.6	8.4	6.6	17.0	30.4	22.5	15.7	17.7	-	49.0
A 91	Primary atypical, other and unspecified pneumonia	T	7.5	13.0	10.9	12.4	9.5	3.4	7.6	12.8	8.9	8.9	10.7	20.0	48.4
		M	8.1	13.5	18.0	12.8	9.6	3.4	8.3	13.1	9.4	9.7	12.0	24.7	41.9
		F	7.0	12.5	3.7	11.9	9.3	3.4	6.8	12.4	8.3	8.1	9.3	14.5	55.9
A 92	Acute bronchitis	T	0.4	0.6	-	0.4	-	0.3	0.3	0.6	0.5	0.3	0.8	-	-
		M	0.5	0.8	-	0.5	-	0.5	0.2	0.4	0.8	0.4	1.5	-	-
		F	0.3	0.4	-	0.3	-	0.2	0.4	0.8	0.2	0.1	0.2	-	-
A 93	Bronchitis, chronic and unqualified	T	7.3	4.3	5.5	8.6	3.7	6.6	7.6	9.1	8.7	7.2	8.9	-	3.2
		M	12.0	6.6	5.4	14.1	5.1	10.7	12.6	14.4	13.7	12.0	14.8	-	-
		F	2.6	2.0	5.5	2.9	2.3	2.4	2.5	3.7	3.6	2.3	2.9	-	7.0
A 94	Hypertrophy of tonsils and adenoids	T	*	-	-	-	-	0.1	*	0.2	0.1	-	0.1	-	-
		M	0.1	-	-	-	-	0.1	-	0.2	0.2	-	0.2	-	-
		F	*	-	-	-	-	*	*	0.2	-	-	-	-	-
A 95	Empyema and abscess of lung	T	0.4	0.2	-	0.5	0.6	0.2	0.5	0.4	0.2	0.4	0.3	6.7	-
		M	0.5	0.4	-	0.8	1.3	0.3	0.6	0.6	0.4	0.5	0.4	-	-
		F	0.2	-	-	0.3	-	0.1	0.3	0.2	-	0.3	0.3	14.5	-
A 96	Pleurisy	T	0.1	0.2	-	-	0.2	0.2	0.1	0.4	0.1	-	0.1	-	-
		M	0.2	-	-	-	0.3	0.3	0.1	0.6	0.2	-	-	-	-
		F	0.1	0.4	-	-	-	0.2	0.1	0.2	-	-	0.2	-	-
A 97	All other respiratory diseases	T	8.9	8.3	10.9	12.4	9.8	7.7	8.5	10.0	11.1	9.0	9.9	26.7	19.4
		M	13.4	8.9	14.4	17.6	13.1	11.7	13.6	15.8	15.9	13.3	14.9	37.0	12.0
		F	4.3	7.7	7.4	7.1	6.4	3.8	3.5	4.1	6.2	4.5	4.8	14.5	28.0
	IX. DISEASES OF THE DIGESTIVE SYSTEM.	T	27.2	17.2	28.2	24.6	23.1	25.9	28.8	29.5	28.6	23.7	30.8	6.7	16.1
		F	31.2	17.4	32.4	28.0	26.2	30.9	32.5	31.8	34.7	25.8	35.4	12.3	12.0
		M	23.1	16.9	23.9	21.1	20.0	20.9	25.0	27.1	22.3	21.6	26.1	-	21.0
A 98	Diseases of teeth and supporting structures	T	*	-	-	-	-	*	*	-	0.1	0.1	-	-	-
		M	*	-	-	-	-	*	0.1	-	-	-	-	-	-
		F	*	-	-	-	-	-	-	-	0.2	0.1	-	-	-
A 99	Ulcer of stomach	T	2.3	1.2	0.9	2.6	2.7	2.6	2.2	2.3	3.0	1.5	2.3	-	-
		M	3.1	1.9	1.8	4.2	3.5	3.6	2.7	2.3	4.5	2.1	3.0	-	-
		F	1.5	0.4	-	1.1	1.9	1.5	1.7	2.3	1.5	0.9	1.6	-	-
A100	Ulcer of duodenum	T	2.0	0.2	3.6	1.7	1.8	1.1	2.3	2.8	3.5	1.9	3.4	-	-
		M	3.0	0.4	7.2	1.8	2.2	1.7	3.4	3.7	5.1	3.0	5.3	-	-
		F	1.1	-	-	1.6	1.3	0.5	1.3	1.9	1.9	0.8	1.4	-	-
A101	Gastritis and duodenitis	T	0.2	-	0.9	0.1	0.5	0.2	0.2	0.1	0.3	0.3	0.2	-	-
		M	0.3	-	1.8	-	0.3	0.3	0.3	-	0.4	0.5	0.3	-	-
		F	0.2	-	-	0.3	0.6	0.1	0.2	0.2	0.2	-	0.1	-	-
A102	Appendicitis	T	0.6	0.4	-	0.5	1.0	0.5	0.6	0.7	0.8	0.5	0.6	-	-
		M	0.8	0.4	-	0.8	1.0	0.8	0.7	1.0	1.2	0.4	1.0	-	-
		F	0.4	0.4	-	0.3	1.0	0.2	0.4	0.4	0.4	0.5	0.3	-	-
A103	Intestinal obstruction and hernia	T	4.5	3.2	6.4	4.5	4.6	3.6	4.9	5.6	4.6	2.9	6.3	-	3.2
		M	4.5	2.3	5.4	4.7	5.4	3.7	4.5	6.8	6.1	3.1	6.5	-	-
		F	4.4	4.0	7.4	4.2	3.9	3.5	5.2	4.3	3.0	2.7	6.1	-	7.0
A104	Gastro-enteritis and colitis, except diarrhoea of the newborn	T	2.9	1.4	3.6	2.8	1.1	2.8	3.1	3.8	3.5	2.8	3.1	-	3.2
		M	2.5	1.9	-	3.1	1.3	2.8	2.4	3.1	3.5	2.3	2.1	-	6.0
		F	3.3	0.8	7.4	2.4	1.0	2.9	3.7	4.5	3.6	3.2	4.2	-	-
A105	Cirrhosis of liver	T	7.3	3.7	4.5	4.3	3.4	7.7	8.6	6.2	4.1	5.4	8.5	6.7	-
		M	9.6	5.8	3.6	5.0	5.7	11.0	11.0	6.8	5.7	6.4	10.6	12.3	-
		F	5.0	1.6	5.5	3.7	1.0	4.4	6.2	5.6	2.3	4.4	6.3	-	-

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
A106	Cholelithiasis and cholecystitis	T	3.0	1.6	1.8	2.8	3.7	3.7	2.5	2.5	3.6	3.3	3.3	-	3.2
		M	2.8	0.8	1.8	2.1	3.2	3.1	2.7	2.5	2.4	2.4	3.4	-	-
		F	3.3	2.4	1.8	3.4	4.2	4.2	2.3	2.5	4.9	4.3	3.2	-	7.0
A107	Other diseases of digestive system	T	4.3	5.5	6.4	5.3	4.3	3.7	4.4	5.6	5.0	5.1	3.0	-	6.5
		M	4.5	3.9	10.8	6.3	3.5	3.8	4.8	5.7	5.7	5.5	3.1	-	6.0
		F	4.0	7.2	1.8	4.2	5.1	3.6	3.9	5.4	4.3	4.7	2.9	-	7.0
	X. DISEASES OF THE GENITO-URINARY SYSTEM.	T	11.5	10.5	15.5	17.8	15.1	12.6	10.2	10.5	11.8	8.1	12.6	6.7	-
		M	13.6	12.0	19.8	20.4	16.9	14.7	11.9	13.8	13.5	10.1	16.1	-	-
		F	9.3	8.9	11.0	15.1	13.2	10.4	8.5	7.2	10.0	6.0	8.9	14.5	-
A108	Acute nephritis	T	0.1	-	-	0.1	0.3	0.2	0.1	0.1	0.3	0.1	*	-	-
		M	0.1	-	-	0.3	0.3	0.2	0.1	0.2	0.2	-	0.1	-	-
		F	0.1	-	-	-	0.3	0.2	0.1	-	0.4	0.1	-	-	-
A109	Chronic, other and unspecified nephritis	T	4.3	3.9	9.1	7.0	6.4	5.2	3.9	3.9	3.4	2.7	3.3	6.7	-
		M	4.4	4.6	12.6	7.6	5.4	4.8	4.2	4.9	2.7	2.2	4.0	-	-
		F	4.2	3.2	5.5	6.3	7.4	5.6	3.5	2.9	4.3	3.2	2.6	14.5	-
A110	Infections of kidney	T	3.1	3.9	2.7	4.2	4.2	2.6	2.9	2.6	4.4	1.8	5.2	-	-
		M	3.2	3.5	1.8	3.7	4.8	3.2	2.6	2.9	5.7	1.9	5.1	-	-
		F	3.0	4.4	3.7	4.8	3.5	2.0	3.3	2.3	3.0	1.6	5.2	-	-
A111	Calculi of urinary system	T	0.5	-	-	1.1	1.0	0.4	0.5	0.4	0.6	0.3	0.4	-	-
		M	0.5	-	-	0.8	1.3	0.5	0.6	0.2	-	0.6	0.6	-	-
		F	0.4	-	-	1.3	0.6	0.2	0.4	0.6	1.3	-	0.3	-	-
A112	Hyperplasia of prostate	M	3.2	1.9	5.4	5.0	1.6	2.8	3.0	4.3	3.1	2.8	4.8	-	-
A113	Diseases of breast	T	*	-	-	-	-	-	-	-	0.1	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	*	-	-	-	-	-	-	-	0.2	-	-	-	-
A114	Other diseases of genito-urinary system	T	1.8	1.6	0.9	2.9	2.4	2.8	1.3	1.3	1.4	1.8	1.1	-	-
		M	2.2	1.9	-	3.1	3.5	3.1	1.5	1.2	1.8	2.4	1.5	-	-
		F	1.5	1.2	1.8	2.6	1.3	2.4	1.1	1.4	0.9	1.1	0.7	-	-
	XI. DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM. [1]	F	27.2	23.4	-	43.6	51.7	37.3	17.4	23.0	16.5	26.5	32.7	-	-
A115	Sepsis of pregnancy, childbirth and the puerperium. [1]	F	3.6	-	-	7.3	17.2	4.1	2.4	11.5	-	3.3	-	-	-
A116	Toxaemias of pregnancy and the puerperium. [1]	F	5.2	7.8	-	7.3	34.5	4.1	5.5	5.7	5.5	-	-	-	-
A117	Haemorrhage of pregnancy and childbirth. [1]	F	4.7	7.8	-	14.5	-	6.2	0.8	-	5.5	10.0	8.9	-	-
A118	Abortion without mention of sepsis or toxaemia. [1]	F	1.4	-	-	-	-	1.0	-	-	-	6.6	5.9	-	-
A119	Abortion with sepsis. [1]	F	2.2	-	-	-	-	3.1	0.8	-	-	3.3	8.9	-	-
A120	Other complications of pregnancy, childbirth and the puerperium. [1]	F	10.2	7.8	-	14.5	-	18.6	7.9	5.7	5.5	3.3	8.9	-	-
	XII. XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.	T	2.9	2.4	2.7	3.4	2.9	3.1	3.0	3.0	2.8	2.4	2.4	-	-
		M	2.4	3.5	1.8	3.1	2.6	2.2	2.7	2.1	2.0	2.2	1.8	-	-
		F	3.4	1.2	3.7	3.7	3.2	4.1	3.3	3.9	3.6	2.5	3.0	-	-
A121	Infections of skin and subcutaneous tissue	T	0.2	-	-	0.1	-	0.1	0.3	0.2	-	-	0.1	-	-
		M	0.2	-	-	0.3	-	0.1	0.4	0.2	-	-	0.3	-	-
		F	0.1	-	-	-	-	0.1	0.2	0.2	-	-	-	-	-
A122	Arthritis and spondylitis	T	1.3	1.0	-	2.0	1.0	1.7	1.3	1.3	0.8	0.9	1.2	-	-
		M	0.9	1.5	-	0.8	1.0	0.9	0.9	0.8	0.6	0.8	0.9	-	-
		F	1.8	0.4	-	3.2	1.0	2.4	1.6	1.9	1.1	1.1	1.6	-	-
A123	Muscular rheumatism and rheumatism unspecified	T	*	-	-	-	-	0.1	*	0.1	-	0.1	-	-	-
		M	*	-	-	-	-	0.1	0.1	-	-	-	-	-	-
		F	0.1	-	-	-	-	0.1	*	0.2	-	0.1	-	-	-
A124	Osteomyelitis and periostitis	T	0.1	-	0.9	0.1	0.2	0.1	-	-	0.3	0.1	*	-	-
		M	0.1	-	-	-	-	0.1	-	-	0.4	0.3	-	-	-
		F	0.1	-	1.8	0.3	0.3	0.1	-	-	0.2	-	0.1	-	-
A125	Ankylosis and acquired musculoskeletal deformities	T	0.1	0.4	-	-	-	0.1	0.1	0.1	0.1	0.2	-	-	-
		M	0.1	0.8	-	-	-	0.1	0.1	-	-	0.1	-	-	-
		F	0.1	-	-	-	-	0.1	0.1	0.2	0.2	0.3	-	-	-
A126	All other diseases of skin and musculoskeletal system	T	1.2	1.0	1.8	1.2	1.8	1.1	1.3	1.2	1.6	1.0	0.9	-	-
		M	1.1	1.2	1.8	2.1	1.6	0.9	1.3	1.0	1.0	1.0	0.6	-	-
		F	1.3	0.8	1.8	0.3	1.9	1.3	1.4	1.4	2.1	1.1	1.3	-	-

[1] Per 100,000 live births.

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.B.	N.S.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
	XIV. CONGENITAL MALFORMATIONS	T	9.7	17.4	14.5	9.7	10.3	11.7	8.7	7.3	9.2	8.5	7.7	6.7	25.8
		M	10.2	16.6	25.2	10.2	11.5	12.0	8.9	8.4	10.6	9.3	7.8	12.3	24.0
		F	9.3	18.1	3.7	9.3	9.0	11.3	8.4	6.2	7.7	7.7	7.6	-	28.0
A127	Spina bifida and meningocele	T	1.3	2.4	1.8	1.2	2.1	1.9	1.0	1.2	0.3	1.1	0.6	-	-
		M	0.9	1.5	3.6	1.3	1.9	1.2	0.7	1.0	0.2	1.0	0.4	-	-
		F	1.7	3.2	-	1.1	2.3	2.7	1.3	1.4	0.4	1.2	0.8	-	-
	A Without hydrocephalus	T	0.6	0.2	0.9	0.8	0.8	1.0	0.4	0.7	-	0.7	0.3	-	-
		M	0.4	-	1.8	0.8	1.3	0.6	0.2	0.6	-	0.6	0.2	-	-
		F	0.8	0.4	-	0.8	0.3	1.4	0.6	0.8	-	0.7	0.4	-	-
	B With hydrocephalus	T	0.7	2.2	0.9	0.4	1.3	0.9	0.6	0.5	0.3	0.5	0.3	-	-
		M	0.5	1.5	1.8	0.5	0.6	0.6	0.5	0.4	0.2	0.4	0.2	-	-
		F	0.9	2.8	-	0.3	1.9	1.3	0.8	0.6	0.4	0.5	0.4	-	-
A128	Congenital malformations of circulatory system	T	4.4	8.1	7.3	4.6	4.6	4.6	3.8	3.4	5.3	4.0	4.4	6.7	12.9
		M	4.8	10.1	12.6	5.5	5.7	4.9	4.1	4.5	6.1	4.3	4.5	12.3	12.0
		F	3.9	6.0	1.8	3.7	3.5	4.3	3.5	2.3	4.5	3.7	4.3	-	14.0
A129	All other congenital malformations	T	4.1	6.9	5.5	3.9	3.5	5.1	3.8	2.7	3.5	3.4	2.6	-	12.9
		M	4.5	5.0	9.0	3.4	3.8	5.9	4.1	2.9	4.3	4.0	2.9	-	12.0
		F	3.7	8.9	1.8	4.5	3.2	4.3	3.6	2.5	2.8	2.8	2.4	-	14.0
	XV. CERTAIN DISEASES OF EARLY INFANCY.	T	21.6	29.6	33.6	21.6	20.8	20.4	20.7	21.2	27.6	24.8	18.7	53.3	141.9
		M	24.9	36.3	45.0	23.3	22.3	24.1	24.0	25.5	32.3	27.1	20.8	49.4	143.7
		F	18.2	22.6	22.1	19.8	19.3	16.8	17.4	16.9	22.8	22.5	16.7	58.0	139.9
A130	Birth injuries	T	3.9	3.0	5.5	2.5	4.2	4.9	3.5	3.6	4.0	3.1	3.3	-	6.5
		M	4.6	3.9	5.4	3.7	3.8	6.0	4.1	4.1	5.7	3.9	3.5	-	6.0
		F	3.1	2.0	5.5	1.3	4.5	3.9	2.9	3.1	2.1	2.3	3.0	-	7.0
A131	Postnatal asphyxia and atelectasis	T	4.1	5.5	8.2	2.5	2.9	4.1	4.3	2.9	4.8	5.4	3.1	6.7	9.7
		M	4.8	6.2	9.0	2.4	3.2	4.6	5.3	2.9	5.7	6.6	3.3	-	12.0
		F	3.4	4.8	7.4	2.6	2.6	3.6	3.3	2.9	5.8	4.1	2.8	14.5	7.0
A132	Infections of the newborn	T	1.2	2.4	0.9	1.6	0.6	1.1	1.0	2.2	1.6	1.0	0.8	6.7	29.0
		M	1.3	2.3	1.8	2.1	0.6	1.5	1.1	1.8	1.2	1.3	0.7	-	12.0
		F	1.1	2.4	-	1.1	0.6	0.8	0.8	2.5	1.9	0.8	0.9	14.5	49.0
A133	Haemolytic disease of newborn	T	0.8	1.0	0.9	1.1	0.3	1.2	0.7	0.1	0.8	0.3	0.6	6.7	3.2
		M	0.9	1.5	-	0.8	-	1.4	0.7	-	1.0	0.4	0.8	12.3	-
		F	0.8	0.4	1.8	1.3	0.6	1.1	0.7	0.2	0.6	0.1	0.5	-	7.0
A134	All other defined diseases of early infancy	T	0.6	0.6	0.9	0.4	0.3	0.7	0.5	0.1	1.2	0.2	0.8	-	9.7
		M	0.7	0.4	-	-	0.6	0.8	0.7	-	2.0	0.1	0.8	-	6.0
		F	0.5	0.8	1.8	0.8	-	0.6	0.4	0.2	0.4	0.3	0.8	-	14.0
A135	Ill-defined diseases peculiar to early infancy and immaturity unqualified	T	11.0	17.2	17.3	13.6	12.5	8.3	10.6	12.4	15.2	14.9	10.1	33.3	83.9
		M	12.7	22.0	28.8	14.4	14.0	9.9	12.0	16.6	16.5	14.8	11.6	37.0	107.8
		F	9.3	12.1	5.5	12.7	10.9	6.7	9.3	8.1	13.8	14.9	8.6	29.0	55.9
	XVI. SYMPTOMS, SENILITY, AND ILL-DEFINED CONDITIONS.	T	4.9	21.3	8.2	5.1	4.6	3.1	3.4	4.4	6.2	17.2	1.9	-	12.9
		M	5.2	21.6	7.2	6.3	5.4	3.2	2.9	3.5	5.7	22.5	1.9	-	6.0
		F	4.7	20.9	9.2	4.0	3.9	3.0	3.9	5.4	6.8	11.6	1.9	-	21.0
A136	Senility without mention of psychosis	T	1.8	10.1	0.9	1.6	1.8	0.9	1.5	2.9	2.9	3.1	1.3	-	9.7
		M	1.4	9.7	1.8	1.0	2.2	0.6	0.7	1.8	2.0	4.3	1.3	-	6.0
		F	2.1	10.5	-	2.1	1.3	1.1	2.3	3.9	3.8	2.0	1.4	-	14.0
A137	Ill-defined and unknown causes	T	3.2	11.2	7.3	3.6	2.9	2.3	1.9	1.5	3.3	14.0	0.5	-	3.2
		M	3.8	12.0	5.4	5.2	3.2	2.6	2.2	1.6	3.7	18.3	0.6	-	-
		F	2.5	10.5	9.2	1.9	2.6	2.0	1.6	1.4	3.0	9.6	0.5	-	7.0
	EXVII. ACCIDENTS, POISONINGS AND VIOLENCE (classification according to external cause).	T	66.8	47.1	85.5	70.3	73.1	60.2	64.0	66.1	73.9	69.7	89.0	186.7	180.6
		M	94.5	65.7	140.3	105.3	106.6	86.6	88.5	95.7	105.3	98.2	123.4	284.0	275.4
		F	38.8	27.8	29.4	34.9	39.3	34.0	39.5	36.4	41.1	40.3	53.8	72.5	69.9
AE138	Motor vehicle accidents	T	26.5	15.2	40.0	32.8	35.6	29.4	22.6	21.6	29.2	28.1	28.5	40.0	16.1
		M	38.4	20.9	66.5	49.3	56.2	42.9	33.0	32.4	42.3	39.7	39.2	37.0	18.0
		F	14.4	9.3	12.9	16.1	14.8	16.1	12.2	10.7	15.5	16.1	17.5	43.5	14.0
	A Traffic accidents (810-825)	T	25.9	14.8	39.1	32.2	34.3	29.1	22.0	21.5	29.0	27.4	27.7	40.0	12.9
		M	37.5	20.1	64.7	48.5	53.9	42.1	31.8	32.2	42.0	38.4	37.7	37.0	12.0
		F	14.3	9.3	12.9	15.9	14.5	16.0	12.1	10.7	15.3	16.0	17.4	43.5	14.0
	B Non-traffic accidents	T	0.5	0.4	0.9	0.5	1.3	0.4	0.6	0.1	0.2	0.7	0.8	-	3.2
		M	1.0	0.8	1.8	0.8	2.2	0.7	1.1	0.2	0.2	1.3	1.5	-	6.0
		F	0.1	-	-	0.3	0.3	0.1	0.1	-	0.2	0.1	0.1	-	-
AE139	Other transport accidents	T	2.6	3.0	3.6	3.6	2.9	1.2	2.8	2.4	2.8	2.0	5.6	20.0	-
		M	4.5	5.4	7.2	6.8	5.7	1.9	4.9	3.9	4.5	3.6	9.9	37.0	-
		F	0.6	0.4	-	0.3	-	0.5	0.7	0.8	1.1	0.3	1.2	-	-
	A Drowning involving small boats (850)	T	1.2	2.2	2.7	2.0	1.3	0.6	1.4	1.5	1.0	0.5	2.2	6.7	-
		M	2.1	3.9	5.4	3.7	2.6	1.0	2.4	2.5	1.8	0.9	3.8	12.3	-
		F	0.3	0.4	-	0.3	-	0.3	0.3	0.6	0.2	-	0.5	-	-
	B Drowning involving other watercraft (851)	T	0.1	0.4	-	0.3	0.5	*	-	0.1	-	-	0.3	-	-
		M	0.1	0.8	-	0.5	1.0	*	-	-	-	-	0.6	-	-
		F	*	-	-	-	-	-	-	0.2	-	-	0.1	-	-
	C Other transport	T	1.3	0.4	0.9	1.3	1.1	0.5	1.4	0.7	1.8	1.5	3.1	13.3	-
		M	2.3	0.8	1.8	2.6	2.2	0.9	2.5	1.4	2.7	2.7	5.5	24.7	-
		F	0.3	-	-	-	-	0.2	0.4	-	0.9	0.3	0.6	-	-
AE140	Accidental poisoning	T	2.9	1.2	0.9	2.8	1.4	0.9	2.9	3.3	3.9	4.4	7.4	26.7	12.9
		M	3.6	1.2	1.8	4.7	1.9	1.3	3.5	2.7	4.9	5.9	9.1	37.0	24.0
		F	2.1	1.2	-	0.8	1.0	0.5	2.2	3.9	2.8	2.8	5.6	14.5	-

TABLE 15
DEATH RATES PER 100,000 POPULATION AT ALL AGES ACCORDING TO THE INTERNATIONAL INTERMEDIATE LIST OF 150 CAUSES, CANADA, 1968

Int'l. List No.	Cause of death (Intermediate list) (7th Rev.)		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
AE141	Accidental falls	T	8.2	5.7	1.8	7.9	10.3	6.3	9.4	7.2	9.0	7.9	11.0	13.3	3.2
		M	8.6	4.6	3.6	9.4	9.3	6.9	9.2	7.6	10.8	8.1	12.2	12.3	6.0
		F	7.9	6.8	-	6.3	11.3	5.6	9.5	6.8	7.0	7.7	9.7	14.5	-
AE142	Accident caused by machinery	T	1.2	0.2	3.6	0.3	0.6	0.9	1.0	1.9	2.1	2.5	1.3	-	-
		M	2.2	0.4	7.2	0.5	1.3	1.7	1.9	3.5	3.7	4.5	2.7	-	-
		F	0.1	-	-	-	-	0.2	0.1	0.2	0.4	0.4	-	-	-
AE143	Accident caused by fire and explosion of combustible material	T	3.3	5.5	13.6	3.4	5.0	2.5	3.1	3.3	2.7	3.7	4.4	13.3	29.0
		M	4.0	7.3	16.2	4.2	5.7	2.9	3.9	4.5	2.9	4.3	5.1	24.7	35.9
		F	2.5	3.6	11.0	2.6	4.2	2.0	2.2	2.1	2.6	3.1	3.6	-	21.0
AE144	Accident caused by hot substance, corrosive liquid, steam, and radiation	T	0.1	-	-	0.7	-	0.2	0.2	0.4	-	0.1	*	-	-
		M	0.2	-	-	0.5	-	0.2	0.1	0.8	-	0.1	0.1	-	-
		F	0.1	-	-	0.8	-	0.1	0.2	-	-	-	-	-	-
AE145	Accident caused by firearm	T	0.8	1.8	-	0.9	1.0	0.8	0.5	1.3	1.5	0.8	1.0	6.7	12.9
		M	1.4	2.3	-	1.8	1.6	1.4	0.8	2.7	2.4	1.5	1.8	12.3	24.0
		F	0.1	1.2	-	-	0.3	0.1	0.1	-	0.4	-	0.2	-	-
AE146	Accidental drowning	T	4.0	7.5	10.0	3.2	5.1	4.8	3.0	3.0	3.3	2.6	4.6	6.7	51.6
		M	6.5	12.8	16.2	5.8	7.3	8.0	4.8	5.5	5.1	4.1	7.2	12.3	95.8
		F	1.4	2.0	3.7	0.5	2.9	1.6	1.2	0.4	1.5	0.9	1.9	-	-
AE147	All other accidental causes	T	5.9	5.3	4.5	7.0	5.8	4.4	6.1	8.3	7.7	6.2	6.8	20.0	41.9
		M	8.7	7.7	7.2	10.5	9.3	6.2	8.7	11.9	11.4	9.4	10.9	37.0	53.9
		F	3.1	2.8	1.8	3.4	2.3	2.5	3.4	4.8	3.8	2.8	2.5	-	28.0
	All accidental causes	T	55.4	45.4	78.2	62.4	67.6	51.3	51.4	52.7	62.1	58.1	70.6	146.7	167.7
		M	78.3	62.6	125.9	93.5	98.3	73.5	71.0	75.6	88.0	81.3	98.2	209.9	257.5
		F	32.4	27.4	29.4	30.9	36.7	29.2	31.9	29.8	35.1	34.1	42.2	72.5	62.9
AE148	Suicide	T	9.7	1.2	7.3	7.0	4.6	7.3	11.2	11.2	9.7	10.2	15.2	33.3	12.9
		M	14.2	2.3	14.4	10.7	7.0	10.9	16.0	17.2	14.5	15.3	21.3	61.7	18.0
		F	5.2	-	-	3.2	2.3	3.8	6.5	5.2	4.7	4.8	8.9	-	7.0
AE149	Homicide and injury purposely inflicted by other persons (not in war)	T	1.6	0.6	-	0.9	0.6	1.6	1.3	2.2	2.1	1.4	3.3	6.7	-
		M	2.0	0.8	-	1.0	1.0	2.3	1.5	2.9	2.9	1.5	3.8	12.3	-
		F	1.2	0.4	-	0.8	0.3	1.0	1.2	1.4	1.3	1.3	2.7	-	-
AE150	Injury resulting from operations of war	T	*	-	-	-	0.2	-	*	-	-	-	-	-	-
		M	*	-	-	-	0.3	-	0.1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
	NXVII. ACCIDENTS, POISONINGS AND VIOLENCE (classification according to nature of injury).	T	66.8	47.1	85.5	70.3	73.1	60.2	64.0	66.1	73.9	69.7	89.0	186.7	180.6
		M	94.5	65.7	140.3	105.3	106.6	86.6	88.5	95.7	105.3	98.2	123.4	284.0	275.4
		F	38.8	27.8	29.4	34.9	39.3	34.0	39.5	36.4	41.1	40.3	53.8	72.5	69.9
AN138	Fracture of skull	T	14.6	9.1	10.0	12.6	15.5	19.0	12.6	8.8	12.5	11.7	17.1	20.0	12.9
		M	22.4	12.4	19.8	20.4	25.9	28.9	19.6	13.8	19.4	17.3	26.1	24.7	12.0
		F	6.7	5.6	-	4.8	5.1	9.1	5.6	3.7	5.3	5.9	7.9	14.5	14.0
AN139	Fracture of spine and trunk	T	3.5	1.2	3.6	5.7	3.8	2.7	3.2	4.3	4.9	3.5	4.9	6.7	-
		M	4.8	1.2	7.2	6.8	6.1	4.1	4.1	6.0	6.9	5.3	6.8	12.3	-
		F	2.1	1.2	-	4.5	1.6	1.3	2.4	2.7	2.8	1.6	3.0	-	-
AN140	Fracture of limbs	T	5.3	3.2	2.7	5.1	7.1	4.4	5.9	5.0	4.9	4.7	6.4	-	-
		M	4.3	1.2	3.6	5.0	4.8	4.2	4.3	4.3	4.5	3.2	5.6	-	-
		F	6.3	5.2	1.8	5.3	9.3	4.6	7.5	5.8	5.3	6.3	7.3	-	-
AN141	Dislocation without fracture	T	0.1	0.2	-	0.1	-	0.1	0.1	-	-	-	0.2	-	-
		M	0.1	-	-	0.3	-	0.1	0.1	-	-	-	0.2	-	-
		F	*	0.4	-	-	-	*	*	-	-	-	0.2	-	-
AN142	Sprains and strains of joints and adjacent muscles	T	*	-	-	-	-	-	-	-	-	-	*	-	-
		M	*	-	-	-	-	-	-	-	-	-	0.1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
AN143	Head injury (excluding fracture)	T	6.7	1.4	5.5	7.5	7.9	6.1	6.2	6.8	9.3	8.1	8.4	40.0	16.1
		M	10.6	1.5	9.0	12.6	12.4	9.5	10.0	11.1	14.9	12.4	12.5	49.4	29.9
		F	2.8	1.2	1.8	2.4	3.2	2.8	2.4	2.5	3.4	3.6	4.1	29.0	-
AN144	Internal injury of chest, abdomen, and pelvis	T	12.8	9.1	20.9	15.5	14.7	10.4	11.4	12.7	17.7	19.1	16.8	26.7	12.9
		M	19.4	13.5	34.2	24.6	23.3	15.5	16.9	20.9	26.7	29.5	25.4	49.4	18.0
		F	6.1	4.4	7.4	6.3	6.1	5.3	5.9	4.3	8.3	8.3	8.1	-	7.0
AN145	Laceration and open wounds	T	0.9	0.2	-	1.3	1.4	0.5	1.0	0.3	1.0	1.0	1.8	6.7	9.7
		M	1.5	0.4	-	2.1	1.9	0.9	1.6	0.2	1.2	1.8	2.8	12.3	12.0
		F	0.4	-	-	0.5	1.0	-	0.4	0.4	0.9	0.3	0.9	-	7.0
AN146	Superficial injury, contusion and crushing with intact skin surface	T	0.1	-	0.9	0.3	0.2	*	0.1	0.3	0.2	-	0.2	-	-
		M	0.1	-	-	0.5	0.3	*	0.1	0.4	0.4	-	0.2	-	-
		F	0.1	-	1.8	-	-	*	0.1	0.2	-	-	0.2	-	-
AN147	Effects of foreign body entering through orifice	T	1.9	1.4	1.8	1.8	1.4	1.5	2.3	2.9	2.9	1.8	1.5	-	3.2
		M	2.2	1.2	3.6	2.4	1.3	1.5	2.7	3.7	3.7	1.8	2.0	-	6.0
		F	1.7	1.6	-	1.3	1.6	1.5	1.9	2.1	2.1	1.9	1.0	-	-
AN148	Burns	T	2.7	4.1	10.0	2.8	4.8	2.1	2.6	3.6	2.0	3.7	2.5	6.7	12.9
		M	3.4	5.4	12.6	3.7	5.4	2.7	3.4	5.5	1.8	4.8	2.7	12.3	18.0
		F	2.0	2.8	7.4	1.9	4.2	1.5	1.9	1.7	2.1	2.7	2.3	-	7.0
AN149	Effects of poisons	T	6.9	2.8	7.3	6.1	2.6	3.5	7.6	7.8	7.8	7.5	14.7	46.7	29.0
		M	8.1	3.5	10.8	8.6	3.8	4.0	8.7	7.6	9.4	9.5	17.6	61.7	41.9
		F	5.6	2.0	3.7	3.4	1.3	3.0	6.6	8.1	6.2	5.5	11.7	29.0	14.0
AN150	All other and unspecified effects of external causes	T	11.3	14.6	22.7	11.4	13.6	9.9	11.0	13.6	10.6	8.6	14.4	33.3	83.9
		M	17.6	25.5	39.6	18.3	21.4	15.3	17.0	22.2	16.3	12.6	21.5	61.7	137.7
		F	5.0	3.2	5.5	4.5	5.8	4.6	5.0	5.0	4.7	4.4	7.1	-	21.0

TABLE 16
CERTAIN CAUSES OF DEATH BY NUMBERS AND RATES FOR EACH YEAR OF THE LAST DECENNIAL PERIOD - 1968

Cause of death	1968		1967		1966		1965		1964		1963		1962		1961		1960		1959	
	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population	Number of deaths	Rate per 100,000 population
Diseases of the heart	3,108	203	2,977	199	3,028	207	3,001	206	2,995	208	2,890	205	2,818	205	2,710	203	2,800	218	2,581	204
Cancer	1,850	121	1,739	116	1,710	117	1,625	111	1,614	112	1,615	114	1,542	112	1,360	102	1,439	112	1,357	109
Diseases of the arteries	355	23	373	25	337	23	308	21	310	21	287	20	295	21	249	17	268	20	266	21
Violent deaths (suicide excepted)	909	59	892	59	844	57	815	56	845	58	786	55	734	53	722	54	713	55	679	54
Pneumonia (all forms)	410	26	299	20	419	28	368	25	403	28	388	27	388	28	386	28	335	26	346	7
Pulmonary tuberculosis	18	1	31	2	29	2	31	2	26	1	30	2	24	1	27	2	27	2	37	2
Influenza	54	3	12	-	80	5	19	1	12	-	68	4	45	3	17	1	28	2	36	2
Nephritis	42	2	52	3	64	4	50	3	52	3	56	3	67	4	60	4	54	4	49	3
Appendicitis	7	-	7	-	8	-	11	-	20	1	12	-	11	-	12	-	11	-	11	-
Suicides	155	10	137	9	146	10	160	11	157	11	107	7	116	8	129	9	119	9	117	9
Cerebral haemorrhage	1,030	67	1,019	68	1,052	72	1,031	71	899	62	993	70	957	69	1,008	75	934	72	952	76
Diabetes mellitus	204	13	179	12	151	10	139	9	156	11	110	7	146	10	134	10	144	11	136	10
Puerperal causes	8	-	5	-	6	-	4	-	8	-	11	-	16	1	9	-	7	-	14	1
Whooping cough	-	-	3	-	-	-	-	-	2	-	2	-	1	-	1	-	3	-	5	-
Scarlet fever	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	1	-
Diphtheria	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	1	-	1	-
Typhoid and paratyphoid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Measles	-	-	6	-	4	-	6	-	9	-	10	-	5	-	4	-	6	-	3	-
Poliomyelitis and infectious encephalitis	1	-	-	-	5	-	7	-	3	-	4	-	5	-	7	-	16	1	14	1

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST ■ %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
	I. INFECTIVE AND PARASITIC DISEASES.																									
	TUBERCULOSIS %A1-A5<.																									
A 1	RESPIRATORY.																									
	A ACTIVE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	B INACTIVE %002.2, 008.2< ..	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
	TOTAL %A1<.	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-
A 2	MENINGES AND CENTRAL ...... NERVOUS SYSTEM	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A 3	INTESTINE, PERITONEUM AND MESENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 4	BONE AND JOINT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 5	OTHER FORMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A1-A5<.	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	1	-	-	-	-
	SYPHILIS %A6-A10<.																									
A 6	CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 7	EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 8	TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 9	GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 10	OTHERS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A6-A10<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 11	GONOCOCCAL INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 12	TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 13	PARATYPHOID AND OTHER ..... SALMONELLA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 14	CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 15	BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 16	DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 17	SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 18	STREPTOCOCCAL SORE THROAT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 19	ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 20	SEPTICAEMIA AND PYAEMIA ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 21	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 22	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 23	MENINGOCOCCAL INFECTIONS ..	M	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 24	PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 25	LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 26	TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 27	ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 28	ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 29	ACUTE ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 30	LATE EFFECTS OF POLIO- .... MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 31	SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 32	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 33	YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 34	INFECTIOUS HEPATITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	-	1	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	1	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
A 35	RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 36	TYPHUS AND OTHER RICKETT- SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 37	MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 38	SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A1-A43<.	M	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
		F	7	-	1	-	1	-	1	-	-	-	1	1	1	-	-	-	-	-	-	1	-	-	-	-
		T	10	-	2	-	1	-	1	-	-	-	1	1	1	-	1	1	-	-	-	1	-	-	-	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
	II. NEOPLASMS.																									
	MALIGNANT NEOPLASMS %A44-A59<																									
A 44	BUCCAL CAVITY AND PHARYNX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 45	OESOPHAGUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 46	STOMACH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 47	INTESTINE, EXCEPT RECTUM ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 48	RECTUM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 49	LARYNX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-
A 52	CERVIX UTERI	F	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
A 53	UTERUS, OTHER PARTS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 54	PROSTATE	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
A 55	SKIN	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 56	BONE AND CONNECTIVE TISSUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 57	OTHER AND UNSPECIFIED SITES.																									
A	DIGESTIVE ORGANS .... %155-159<	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	3	-	-	-
B	RESPIRATORY ORGANS .... %160, 164, 165<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	URINARY ORGANS .... %180, 181<	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
D	BRAIN AND NERVOUS SYSTEM %193<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A57<.	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	1	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-
		T	8	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	-	-	1	3	-	-	-
A 58	LEUKAEMIA AND ALEUKAEMIA ..	M	2	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.																									
A	HODGKIN S %201<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
	TOTAL %A59<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
	TOTAL %A44-A59<.	M	11	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	3	-	1	1	1	2	-	-
		F	11	-	-	1	-	-	-	-	-	-	1	1	1	1	-	1	-	-	-	2	2	-	1	-
		T	22	-	-	1	-	-	-	1	-	-	1	1	2	1	1	1	3	-	1	3	3	2	1	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 60	BENIGN AND UNSPECIFIED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A44-A60<.	M	11	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	3	-	1	1	1	2	-	-
		F	11	-	-	1	-	-	-	-	-	-	1	1	1	1	-	1	-	-	-	2	2	-	1	-
		T	22	-	-	1	-	-	-	1	-	-	1	1	2	1	1	1	3	-	1	3	3	2	1	-
	III, IV. ALLERGIC, ENDOCRINE METABOLIC AND BLOOD DISEASES																									
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	-
A 64	NUTRITIONAL DEFICIENCY .... STATES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 65	ANAEMIAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 66	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A61-A66<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	-
	V. MENTAL, PSYCHONEUROTIC AN PERSONALITY DISORDERS.																									
A 67	PSYCHOSES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A 69	MENTAL DEFICIENCY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A67-A69<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																									
A 70	CEREBROVASCULAR LESIONS ...	M	10	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	1	2	4	-
		F	8	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	1	-	3	-	-	-
		T	18	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	-	-	2	1	4	2	4	-
A 71	NON-MENINGOCOCCAL .... MENINGITIS	M	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 73	EPILEPSY	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
A 74	INFLAMMATORY DISEASES OF .. THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND .... MASTOIDITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 78	OTHER	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	TOTAL %A70-A78<.	M	17	2	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	3	2	2	4	-
		F	10	1	-	-	-	-	-	-	-	-	1	1	-	2	1	-	-	-	1	-	3	-	-	-
		T	27	3	1	-	-	-	-	-	-	-	1	3	-	2	1	-	-	-	2	3	5	2	4	-
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																									
	HEART DISEASE %A79-A83<.																									
A 79	RHEUMATIC FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 80	CHRONIC RHEUMATIC	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
		F	4	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	1	-	1	-	-	-	2	2	-	-	-	-	-	-	-	-
A 81	ARTERIOSCLEROTIC AND DEGENERATIVE	M	17	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	2	-	4	3	3	1	-
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	2	4	-
		T	27	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	2	2	-	4	5	5	5	-
A 82	OTHER	M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	2	-	2	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-
		T	11	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	2	1	4	-
A 83	HYPERTENSIVE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	TOTAL %A79-A83<.	M	27	-	-	-	-	-	-	-	-	-	-	1	1	-	5	1	-	2	2	4	5	3	3	-
		F	18	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	2	-	1	-	2	3	6	-
		T	45	-	-	-	-	-	-	-	1	-	1	1	1	-	5	3	2	2	3	4	7	6	9	-
A 84	HYPERTENSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 85	ARTERIAL DISEASES	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-
A 86	OTHER	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	TOTAL %A79-A86<.	M	30	-	-	-	-	-	-	-	-	-	-	1	1	-	5	1	-	2	2	5	6	4	3	-
		F	19	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	2	-	1	1	2	3	6	-
		T	49	-	-	-	-	-	-	-	1	-	1	1	1	-	5	3	2	2	3	6	8	7	9	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																									
A 87	ACUTE UPPER RESPIRATORY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 88	INFLUENZA	M	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		T	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	PNEUMONIA %A89-A91<.																									
A 89	LOBAR	M	4	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	-
A 90	BRONCHO	M	10	4	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	-	1	-	-
		F	5	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-
		T	15	6	2	-	-	-	-	-	-	2	-	-	1	-	-	-	-	1	-	1	-	2	-	-
A 91	ATYPICAL, OTHER, UNSPECIFIED	M	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
		F	10	2	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	2	3	-
		T	15	5	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	1	-	-	2	4	-
	TOTAL %A89-A91<.	M	19	8	2	-	-	-	-	-	-	1	-	1	2	-	-	-	-	1	1	1	-	1	1	-
		F	15	4	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	1	-	-	-	3	3	-
		T	34	12	2	-	1	-	-	1	-	2	-	1	3	-	-	-	-	2	1	1	-	4	4	-
	BRONCHITIS %A92, A93<.																									
A 92	ACUTE	M	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 93	CHRONIC AND UNQUALIFIED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A92, A93<.	M	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 94	TONSILS AND ADENOIDS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85&	NS
A 95	EMPYEMA AND LUNG ABSCESS ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 96	PLEURISY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 97	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A87-A97<.	M	22	9	2	-	1	-	-	-	-	1	-	1	2	-	-	-	-	1	1	1	-	1	2	-
		F	18	6	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	1	-	-	-	3	4	-
		T	40	15	2	-	2	-	-	1	-	2	-	1	3	-	-	-	-	2	1	1	-	4	6	-
	IX. DISEASES OF THE DIGESTIVE SYSTEM.																									
A 98	DISEASES OF THE TEETH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 99	ULCER OF THE STOMACH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 100	ULCER OF THE DUODENUM	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
A 101	GASTRITIS AND DUODENITIS ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 102	APPENDICITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 103	INTESTINAL OBSTRUCTION AND HERNIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 104	GASTRO-ENTERITIS AND ...... COLITIS	M	4	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	8	5	1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 105	CIRRHOSIS OF LIVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	1	-	2	-	2	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	1	-	2	-	2	-	-	-	-	-	-	-	-	-
A 106	CHOLELITHIASIS AND CHOLECYSTITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
A 107	OTHER	M	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	TOTAL %A98-A107<.	M	7	3	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-
		F	10	2	1	-	-	-	-	-	-	-	1	-	3	-	2	-	-	-	1	-	-	-	-	-
		T	17	5	1	-	-	-	1	-	-	-	2	-	3	-	2	-	-	2	1	-	-	-	-	-
	X. DISEASES OF THE GENITO-URINARY SYSTEM.																									
A 108	ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 109	CHRONIC AND OTHER NEPHRITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
A 110	INFECTIONS OF KIDNEY	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
A 111	CALCULI	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 112	HYPERPLASIA OF PROSTATE ...	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
A 113	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A108-A114<.	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	1	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85&	NS
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.																									
A 115	SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 116	TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117	HAEMORRHAGE	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 118	ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
A 119	ABORTION WITH SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 120	OTHER	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A115-A120<.	F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																									
A 121	SKIN INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122	ARTHRITIS AND SPONDYLITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
A 123	RHEUMATISM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 124	OSTEOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 125	ANKYLOSIS AND ACQUIRED DEFORMITIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 126	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A121-A126<.	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	XIV. CONGENITAL MALFORMATIONS.																									
A 127	SPINA BIFIDA AND MENINGOCELE.																									
	A WITHOUT HYDROCEPHALUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	B WITH HYDROCEPHALUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A127<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 128	CIRCULATORY SYSTEM	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 129	OTHER	M	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A127-A129<.	M	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	11	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XV. DISEASES OF EARLY INFANCY.																									
A 130	BIRTH INJURY	M	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 131	POSTNATAL ASPHYXIA AND ATELECTASIS	M	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 132	INFECTIONS OF NEWBORN	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 133	ERYTHROBLASTOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 134	OTHER DEFINED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 135	ILL-DEFINED	M	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A130-A135<.	M	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	37	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.																									
A 136	SENILITY WITHOUT PSYCHOSIS	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-
A 137	ILL-DEFINED AND UNKNOWN ...	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	-	1	-
		F	4	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-
		T	9	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	-	-	1	1	-	3	-
	TOTAL %A136, A137<.	M	7	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	2	-	2	-
		F	5	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	3	-
		T	12	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	-	-	1	2	-	5	-
	XVII. ACCIDENTS, POISONINGS AND VIOLENCE.																									
	EXVII. EXTERNAL CAUSE.																									
AE 138	MOTOR VEHICLE ACCIDENTS.																									
A	TRAFFIC %810-825<	M	29	-	1	-	-	-	-	1	5	5	4	5	1	-	2	1	2	1	-	1	-	-	-	-
		F	11	-	-	-	-	-	-	1	1	-	1	2	-	-	2	2	-	-	1	1	-	-	-	-
		T	40	-	1	-	-	-	-	2	6	5	5	7	1	-	4	3	2	1	1	2	-	-	-	-
B	NON-TRAFFIC	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %AE138<.	M	29	-	1	-	-	-	-	1	5	5	4	5	1	-	2	1	2	1	-	1	-	-	-	-
		F	11	-	-	-	-	-	-	1	1	-	1	2	-	-	2	2	-	-	1	1	-	-	-	-
		T	40	-	1	-	-	-	-	2	6	5	5	7	1	-	4	3	2	1	1	2	-	-	-	-
AE 139	OTHER TRANSPORT ACCIDENTS.																									
A	DROWNINGS INVOLVING SMALL BOATS %850<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	DROWNINGS INVOLVING OTHER WATERCRAFT %851<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	OTHER TRANSPORT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %AE139<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 140	ACCIDENTAL POISONING	M	4	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	1	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-
AE 141	ACCIDENTAL FALLS	M	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-
		F	4	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-
		T	7	1	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	2	-	-	-	-	-	-
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	9	-	1	-	2	1	2	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	13	-	3	1	-	2	2	-	1	1	-	-	-	-	-	-	2	1	-	-	-	-	-	-
		T	22	-	4	1	2	3	4	-	1	2	1	-	-	-	-	-	3	1	-	-	-	-	-	-
AE 144	OTHER ACCIDENTAL BURNS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 145	ACCIDENT CAUSED BY FIREARM	M	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 146	ACCIDENTAL DROWNING	M	8	-	-	1	1	-	-	-	2	1	1	-	-	-	-	-	1	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	8	-	-	1	1	-	-	-	2	1	1	-	-	-	-	-	1	-	-	1	-	-	-	-

TABLE 17

DEATHS OF INDIANS, BY CAUSE AND SEX, BY AGE, ALBERTA, 1968

D67. 08

LIST NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	11	4	-	-	-	-	-	-	1	1	-	1	1	1	-	-	-	-	-	-	2	-	-	-
		F	3	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	14	5	-	-	-	-	-	-	1	2	-	1	2	1	-	-	-	-	-	-	2	-	-	-
	TOTAL %AE138-AE147<.	M	65	4	2	1	3	1	3	1	[illegible]	8	6	6	5	2	4	1	4	2	-	2	2	-	-	-
		F	32	2	3	1	-	2	3	1	2	2	2	2	2	-	2	2	2	2	1	1	-	-	-	-
		T	97	6	5	2	3	3	6	2	10	10	8	8	7	2	6	3	6	4	1	3	2	-	-	-
AE 148	SUICIDE	M	7	-	-	-	-	-	-	-	2	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	7	-	-	-	-	-	-	-	2	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-
AE 149	HOMICIDE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-
AE 150	WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %AE138-AE150<.	M	72	4	2	1	3	1	3	1	10	10	6	8	6	2	4	1	4	2	-	2	2	-	-	-
		F	36	2	3	1	-	2	3	1	2	2	2	3	3	2	2	2	2	2	1	1	-	-	-	-
		T	108	6	5	2	3	3	6	2	12	12	8	11	9	4	6	3	6	4	1	3	2	-	-	-
	NXVII. NATURE OF INJURY.																									
AN 138	FRACTURE OF SKULL	M	11	-	1	-	-	-	-	1	1	3	-	1	1	-	2	-	1	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	12	-	1	-	-	-	-	1	1	3	-	2	1	-	2	-	1	-	-	-	-	-	-	-
AN 139	FRACTURE OF SPINE AND TRUNK	M	4	-	-	-	-	-	-	-	-	1	1	1	-	-	1	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-
		T	7	-	-	-	-	-	-	-	-	1	1	2	-	-	1	-	-	1	-	1	-	-	-	-
AN 140	FRACTURE OF LIMBS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142	SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143	OTHER HEAD INJURY	M	5	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	10	1	-	-	-	-	-	1	-	-	2	-	2	2	-	2	-	-	-	-	-	-	-	-
		T	15	1	-	-	-	-	-	1	2	2	2	-	2	2	-	2	1	-	-	-	-	-	-	-
AN 144	INTERNAL INJURY	M	18	-	-	-	-	-	1	-	3	2	2	3	2	-	-	1	-	2	-	1	1	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-
		T	21	-	-	-	-	-	1	-	3	2	2	3	2	-	2	1	-	2	1	1	1	-	-	-
AN 145	OPEN WOUNDS	M	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
AN 146	SUPERFICIAL INJURY OR ..... CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 147	FOREIGN BODY THROUGH ...... ORIFICE	M	4	1	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-
		F	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	6	2	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-
AN 148	BURNS	M	9	-	1	-	2	1	2	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	13	-	3	1	-	2	2	-	1	1	-	-	-	-	-	-	2	1	-	-	-	-	-	-
		T	22	-	4	1	2	3	4	-	1	2	1	-	-	-	-	-	3	1	-	-	-	-	-	-
AN 149	POISONINGS	M	4	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	1	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-
AN 150	OTHER	M	15	3	-	1	1	-	-	-	4	1	1	1	-	-	-	-	1	-	-	1	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	16	3	-	1	1	-	-	-	4	2	1	1	-	-	-	-	1	-	-	1	1	-	-	-
	TOTAL %AN138-AN150<.	M	72	4	2	1	3	1	3	1	10	10	6	[illegible]	6	2	4	1	4	2	-	2	2	-	-	-
		F	36	2	3	1	-	2	3	1	2	2	2	3	3	2	2	2	2	2	1	1	-	-	-	-
		T	108	6	5	2	3	3	6	2	12	12	8	11	9	4	6	3	6	4	1	3	2	-	-	-
	ALL CAUSES.	M	200	45	6	1	4	1	4	2	10	11	7	12	10	2	12	5	8	7	6	13	13	9	12	-
		F	146	31	6	2	2	2	4	2	3	4	8	6	11	5	8	5	5	4	4	6	8	6	14	-
		T	346	76	12	3	6	3	8	4	13	15	15	18	21	7	20	10	13	11	10	19	21	15	26	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85&	NS
	I. INFECTIVE AND PARASITIC DISEASES.																									
	TUBERCULOSIS %A1-A5<.																									
A	1 RESPIRATORY.																									
A	ACTIVE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	B INACTIVE %002.2, 008.2< ..	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	TOTAL %A1<.	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
A	2 MENINGES AND CENTRAL ...... NERVOUS SYSTEM	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A	3 INTESTINE, PERITONEUM AND MESENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	4 BONE AND JOINT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	5 OTHER FORMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A1-A5<.	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-
	SYPHILIS %A6-A10<.																									
A	6 CONGENITAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	7 EARLY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	8 TABES DORSALIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	9 GENERAL PARESIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	10 OTHERS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A6-A10<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	11 GONOCOCCAL INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	12 TYPHOID	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	13 PARATYPHOID AND OTHER ..... SALMONELLA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	14 CHOLERA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	15 BRUCELLOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	16 DYSENTERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	17 SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	18 STREPTOCOCCAL SORE THROAT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	19 ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 20	SEPTICAEMIA AND PYAEMIA ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
A 21	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 22	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 23	MENINGOCOCCAL INFECTIONS ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 24	PLAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 25	LEPROSY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 26	TETANUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 27	ANTHRAX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 28	ACUTE POLIOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 29	ACUTE ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 30	LATE EFFECTS OF POLIO- .... MYELITIS AND ENCEPHALITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 31	SMALLPOX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 32	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 33	YELLOW FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 34	INFECTIOUS HEPATITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 35	RABIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 36	TYPHUS AND OTHER RICKETT- SIAL DISEASES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 37	MALARIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 38	SCHISTOSOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 39	HYDATID DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 40	FILARIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 41	ANKYLOSTOMIASIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 42	OTHER DISEASES DUE TO ..... HELMINTHS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 43	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A1-A43<.	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
		F	5	-	1	-	1	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-
		T	7	-	1	-	1	-	-	-	-	-	1	1	1	-	1	1	-	-	-	-	-	-	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST # NO.	CAUSE OF DEATH INTERMEDIATE LIST # %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
	II. NEOPLASMS.																									
	MALIGNANT NEOPLASMS %A44-A59<																									
A 44	BUCCAL CAVITY AND PHARYNX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 45	OESOPHAGUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 46	STOMACH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 47	INTESTINE, EXCEPT RECTUM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 48	RECTUM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 49	LARYNX	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 50	TRACHEA, BRONCHUS, AND LUNG NOT SPECIFIED AS SECONDARY	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
A 51	BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
A 52	CERVIX UTERI	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A 53	UTERUS, OTHER PARTS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 54	PROSTATE	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
A 55	SKIN	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 56	BONE AND CONNECTIVE TISSUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 57	OTHER AND UNSPECIFIED SITES.																									
A	DIGESTIVE ORGANS %155-159<	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-
B	RESPIRATORY ORGANS %160, 164, 165<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	URINARY ORGANS %180, 181<	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
D	BRAIN AND NERVOUS SYSTEM %193<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A57<.	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	1	2	-	-	-
A 58	LEUKAEMIA AND ALEUKAEMIA	M	2	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 59	LYMPHATIC AND HAEMATOPOIETIC SYSTEM.																									
A	HODGKIN S %201<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
	TOTAL %A59<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
	TOTAL %A44-A59<.	M	7	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	2	-	1	1	-	1	-	-
		F	9	-	-	1	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-	1	2	-	1	-
		T	16	-	-	1	-	-	-	1	-	-	1	-	2	1	-	1	2	-	1	2	2	1	1	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST ■ NO.	CAUSE OF DEATH INTERMEDIATE LIST ■ %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85&	NS
A 60	BENIGN AND UNSPECIFIED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A44-A60<.	M	7	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	2	-	1	1	-	1	-	-
		F	9	-	-	1	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-	1	2	-	1	-
		T	16	-	-	1	-	-	-	1	-	-	1	-	2	1	-	1	2	-	1	2	2	1	1	-
	III, IV. ALLERGIC, ENDOCRINE METABOLIC AND BLOOD DISEASES																									
A 61	NON-TOXIC GOITRE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 62	THYROTOXICOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 63	DIABETES MELLITUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-
A 64	NUTRITIONAL DEFICIENCY .... STATES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 65	ANAEMIAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 66	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A61-A66<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-
	V. MENTAL, PSYCHONEUROTIC AN PERSONALITY DISORDERS.																									
A 67	PSYCHOSES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 68	PSYCHONEUROTIC AND PERSONALITY DISORDERS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
A 69	MENTAL DEFICIENCY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A67-A69<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																									
A 70	CEREBROVASCULAR LESIONS ...	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-
		F	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	-	-	-
		T	8	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	3	-	2	-
A 71	NON-MENINGOCOCCAL .... MENINGITIS	M	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
A 72	MULTIPLE SCLEROSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 73	EPILEPSY	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
A 74	INFLAMMATORY DISEASES OF .. THE EYE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 75	CATARACT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 76	GLAUCOMA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 77	OTITIS MEDIA AND .... MASTOIDITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 78	OTHER	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	TOTAL %A70-A78<.	M	10	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	2	-	2	-
		F	6	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	2	-	-	-
		T	16	2	1	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	2	2	4	-	2	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	NS
	VII. DISEASES OF THE CIRCULATORY SYSTEM.																									
	HEART DISEASE %A79-A83<.																									
A 79	RHEUMATIC FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 80	CHRONIC RHEUMATIC	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
		F	4	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	1	-	1	-	-	-	2	2	-	-	-	-	-	-	-	-
A 81	ARTERIOSCLEROTIC AND ...... DEGENERATIVE	M	14	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	1	-	4	2	2	1	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	3	-
		T	20	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	2	1	-	4	2	3	4	-
A 82	OTHER	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
		T	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	3	-
A 83	HYPERTENSIVE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A79-A83<.	M	20	-	-	-	-	-	-	-	-	-	-	1	1	-	5	-	-	1	1	4	3	2	2	-
		F	12	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	2	-	-	-	-	1	5	-
		T	32	-	-	-	-	-	-	-	1	-	1	1	1	-	5	2	2	1	1	4	3	3	7	-
A 84	HYPERTENSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 85	ARTERIAL DISEASES	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
A 86	OTHER	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	TOTAL %A79-A86<.	M	22	-	-	-	-	-	-	-	-	-	-	1	1	-	5	-	-	1	1	5	3	3	2	-
		F	13	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	2	-	-	1	-	1	5	-
		T	35	-	-	-	-	-	-	-	1	-	1	1	1	-	5	2	2	1	1	6	3	4	7	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																									
A 87	ACUTE UPPER RESPIRATORY ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 88	INFLUENZA	M	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		T	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	PNEUMONIA %A89-A91<.																									
A 89	LCBAR	M	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
A 90	BRONCHO	M	7	1	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	-	1	-	-
		F	3	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		T	10	2	2	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	1	-	2	-	-
A 91	ATYPICAL, OTHER, ... UNSPECIFIED	M	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	6	1	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	-
		T	9	3	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	2	1	-
	TOTAL %A89-A91<.	M	13	4	2	-	-	-	-	-	-	1	-	1	2	-	-	-	-	-	1	1	-	1	-	-
		F	9	2	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	3	1	-
		T	22	6	2	-	1	-	-	-	-	2	-	1	3	-	-	-	-	-	1	1	-	4	1	-
	BRONCHITIS %A92, A93<.																									
A 92	ACUTE	M	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 93	CHRONIC AND UNQUALIFIED ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A92, A93<.	M	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 94	TONSILS AND ADENOIDS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 95	EMPYEMA AND LUNG ABSCESS ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 96	PLEURISY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST # NO. CAUSE OF DEATH INTERMEDIATE LIST # %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85&	NS
# 97 OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL %A87-A97<.	M	16	5	2	-	1	-	-	-	-	1	-	1	2	-	-	-	-	-	1	1	-	1	1	-
	F	12	4	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	3	2	-
	T	28	9	2	-	2	-	-	-	-	2	-	1	[illegible]	-	-	-	-	-	1	1	-	4	3	-
IX. DISEASES OF THE DIGESTIVE SYSTEM.																									
A 98 DISEASES OF THE TEETH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 99 ULCER OF THE STOMACH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 100 ULCER OF THE DUODENUM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 101 GASTRITIS AND DUODENITIS ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 102 APPENDICITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 103 INTESTINAL OBSTRUCTION AND HERNIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 104 GASTRO-ENTERITIS AND ...... COLITIS	M	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	T	[illegible]	4	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
A 105 CIRRHOSIS OF LIVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	3	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-
	T	3	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-
A 106 CHOLELITHIASIS AND CHOLECYSTITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
A 107 OTHER	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL %A98-A107<.	M	[illegible]	2	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	7	2	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	1	-	-	-	-	-
	T	11	4	-	-	-	-	1	-	-	-	1	-	2	-	2	-	-	-	1	-	-	-	-	-
X. DISEASES OF THE GENITO-URINARY SYSTEM.																									
A 108 ACUTE NEPHRITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 109 CHRONIC AND OTHER NEPHRITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
A 110 INFECTIONS OF KIDNEY	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
A 111 CALCULI	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 112 HYPERPLASIA OF PROSTATE ...	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
A 113 BREAST	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 114 OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL %A108-A114<.	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-
XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM.																									
A 115 SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 116 TOXAEMIA	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 117 HAEMORRHAGE	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 118 ABORTION WITHOUT SEPSIS OR TOXAEMIA	F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 18

DEATHS BY CAUSE AND SEX. BY AGE, REGISTERED INDIANS. ALBERTA. 1968

D67.1. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 119	ABORTION WITH SEPSIS	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 120	OTHER	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A115-A120<.	F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																									
A 121	SKIN INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 122	ARTHRITIS AND SPONDYLITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
A 123	RHEUMATISM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 124	OSTEOMYELITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 125	ANKYLOSIS AND ACQUIRED .... DEFORMITIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 126	OTHER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A121-A126<.	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	XIV. CONGENITAL MALFORMATIONS.																									
A 127	SPINA BIFIDA AND MENINGOCELE.																									
A	WITHOUT HYDROCEPHALUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	WITH HYDROCEPHALUS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A127<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 128	CIRCULATORY SYSTEM	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 129	OTHER	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A127-A129<.	M	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XV. DISEASES OF EARLY INFANCY.																									
A 130	BIRTH INJURY	M	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 131	POSTNATAL ASPHYXIA AND .... ATELECTASIS	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 132	INFECTIONS OF NEWBORN	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 133	ERYTHROBLASTOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 134	OTHER DEFINED	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85&	NS
A 135	ILL-DEFINED	M	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %A130-A135<.	M	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS.																									
A 136	SENILITY WITHOUT PSYCHOSIS	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
A 137	ILL-DEFINED AND UNKNOWN ...	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	1	-
		F	4	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-
		T	8	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	-	-	1	-	-	3	-
	TOTAL %A136, A137<.	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	2	-
		F	5	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	3	-
		T	10	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	-	-	1	-	-	5	-
	XVII. ACCIDENTS, POISONINGS AND VIOLENCE.																									
	EXVII. EXTERNAL CAUSE.																									
AE 138	MOTOR VEHICLE ACCIDENTS.																									
A	TRAFFIC %810-825<	M	22	-	-	-	-	-	-	1	2	5	4	3	1	-	1	1	2	1	-	1	-	-	-	-
		F	9	-	-	-	-	-	-	1	1	-	1	2	-	-	1	2	-	-	1	-	-	-	-	-
		T	31	-	-	-	-	-	-	2	3	5	5	5	1	-	2	3	2	1	1	1	-	-	-	-
B	NON-TRAFFIC	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %AE138<.	M	22	-	-	-	-	-	-	1	2	5	4	3	1	-	1	1	2	1	-	1	-	-	-	-
		F	9	-	-	-	-	-	-	1	1	-	1	2	-	-	1	2	-	-	1	-	-	-	-	-
		T	31	-	-	-	-	-	-	2	3	5	5	5	1	-	2	3	2	1	1	1	-	-	-	-
AE 139	OTHER TRANSPORT ACCIDENTS.																									
A	DROWNINGS INVOLVING SMALL BOATS %850<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	DROWNINGS INVOLVING OTHER WATERCRAFT %851<	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	OTHER TRANSPORT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %AE139<.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 140	ACCIDENTAL POISONING	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 141	ACCIDENTAL FALLS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-
AE 142	ACCIDENT CAUSED BY .... MACHINERY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 143	ACCIDENT CAUSED BY FIRE AND EXPLOSION	M	9	-	1	-	2	1	2	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	12	-	3	1	-	2	1	-	1	1	-	-	-	-	-	-	2	1	-	-	-	-	-	-
		T	21	-	4	1	2	3	3	-	1	2	1	-	-	-	-	-	3	1	-	-	-	-	-	-
AE 144	OTHER ACCIDENTAL BURNS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 145	ACCIDENT CAUSED BY FIREARM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AE 146	ACCIDENTAL DROWNING	M	6	-	-	1	1	-	-	-	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	-	-	1	1	-	-	-	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-

TABLE 18

DEATHS BY CAUSE AND SEX, BY AGE, REGISTERED INDIANS, ALBERTA, 1968

D67.1. 08

LIST A NO.	CAUSE OF DEATH INTERMEDIATE LIST A %SEVENTH REVISION<		TOTAL	-1 YR	1	2	3	4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85&	NS
AE 147	ALL OTHER ACCIDENTAL CAUSES	M	8	3	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	2	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	9	3	-	-	-	-	-	-	1	2	-	-	-	1	-	-	-	-	-	-	2	-	-	-
	TOTAL %AE138-AE147<.	M	45	3	1	1	3	1	2	1	5	8	5	3	1	1	1	1	3	1	-	2	2	-	-	-
		F	26	-	3	1	-	2	2	1	2	2	2	2	1	-	1	2	2	2	1	-	-	-	-	-
		T	71	3	4	2	3	3	4	2	7	10	7	5	2	1	2	3	5	3	1	2	2	-	-	-
AE 148	SUICIDE	M	5	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	5	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
AE 149	HOMICIDE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-
AE 150	WAR INJURIES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL %AE138-AE150<.	M	50	3	1	1	3	1	2	1	7	9	5	4	2	1	1	1	3	1	-	2	2	-	-	-
		F	29	-	3	1	-	2	2	1	2	2	2	3	2	1	1	2	2	2	1	-	-	-	-	-
		T	79	3	4	2	3	3	4	2	9	11	7	7	4	2	2	3	5	3	1	2	2	-	-	-
	NXVII. NATURE OF INJURY.																									
AN 138	FRACTURE OF SKULL	M	6	-	-	-	-	-	-	1	-	3	-	-	1	-	-	-	1	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	7	-	-	-	-	-	-	1	-	3	-	1	1	-	-	-	1	-	-	-	-	-	-	-
AN 139	FRACTURE OF SPINE AND TRUNK	M	4	-	-	-	-	-	-	-	-	1	1	1	-	-	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	1	1	2	-	-	1	-	-	1	-	-	-	-	-	-
AN 140	FRACTURE OF LIMBS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 141	DISLOCATION WITHOUT .... FRACTURE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 142	SPRAINS AND STRAINS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 143	OTHER HEAD INJURY	M	3	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	8	-	-	-	-	-	-	1	-	-	2	-	2	1	-	2	-	-	-	-	-	-	-	-
		T	11	-	-	-	-	-	-	1	1	1	2	-	2	1	-	2	1	-	-	-	-	-	-	-
AN 144	INTERNAL INJURY	M	13	-	-	-	-	-	-	-	2	2	2	2	1	-	-	1	-	1	-	1	1	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
		T	15	-	-	-	-	-	-	-	2	2	2	2	1	-	1	1	-	1	1	1	1	-	-	-
AN 145	OPEN WOUNDS	M	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
AN 146	SUPERFICIAL INJURY OR ..... CONTUSION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 147	FOREIGN BODY THROUGH ...... ORIFICE	M	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
AN 148	BURNS	M	9	-	1	-	2	1	2	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	12	-	3	1	-	2	1	-	1	1	-	-	-	-	-	-	2	1	-	-	-	-	-	-
		T	21	-	4	1	2	3	3	-	1	2	1	-	-	-	-	-	3	1	-	-	-	-	-	-
AN 149	POISONINGS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AN 150	OTHER	M	11	2	-	1	1	-	-	-	4	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	12	2	-	1	1	-	-	-	4	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	TOTAL %AN138-AN150<.	M	50	3	1	1	3	1	2	1	7	9	5	4	2	1	1	1	3	1	-	2	2	-	-	-
		F	29	-	3	1	-	2	2	1	2	2	2	3	2	1	1	2	2	2	1	-	-	-	-	-
		T	79	3	4	2	3	3	4	2	9	11	7	7	4	2	2	3	5	3	1	2	2	-	-	-
	ALL CAUSES.	M	137	28	4	1	4	1	3	2	7	10	6	7	6	1	8	4	6	2	5	12	7	5	8	-
		F	105	21	4	2	2	2	2	1	3	4	7	5	8	2	4	5	5	3	3	3	4	4	11	-
		T	242	49	8	3	6	3	5	3	10	14	13	12	14	3	12	9	11	5	8	15	11	9	19	-

TABLE 19

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE AT DEATH, INDIANS, ALBERTA, 1968

068.

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL -1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	TOTAL 28 DAYS -1 YEAR	POST-NEONATAL 28 DAYS - 1 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
	I. INFECTIVE AND PARASITIC DISEASES.																									
001-019	TUBERCULOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
020-029	SYPHILIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
045-048	DYSENTERY, ALL FORMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
050	SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
052	ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
055	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
056	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
057	MENINGOCOCCAL INFECTIONS ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
085	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 001-138	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS I TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	II. NEOPLASMS.																									
140-205	MALIGNANT NEOPLASMS.																									
201	HODGKIN S DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	LEUKAEMIA AND ALEUKAEMIA ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 140-205	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (140-205)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210-229	BENIGN NEOPLASMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230-239	OTHER NEOPLASMS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS II TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	III. ALLERGIC, ENDOCRINE AND METABOLIC DISEASES.																									
273	DISEASES OF THYMUS GLAND ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 240-289	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS III TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	IV. BLOOD DISEASES.																									
290-299	CLASS IV TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	V. MENTAL DISORDERS.																									
325	MENTAL DEFICIENCY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 300-326	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS V TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	VI. DISEASES OF NERVOUS SYSTEM AND THE SENSE ORGANS.																									
340	MENINGITIS	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
391-392	OTITIS MEDIA	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
	OTHER OF 330-398	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
	CLASS VI TOTAL	M	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		T	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	1	1	-	-	-	-	1
	VII. DISEASES OF CIRCULATORY SYSTEM.																									
400-468	CLASS VII TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																									
470-475	ACUTE UPPER RESPIRATORY .... INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
480-483	INFLUENZA	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-
490-493	PNEUMONIA (4 WEEKS AND ..... OVER)	M	8	-	-	-	-	-	-	-	-	-	-	-	8	-	1	1	1	-	1	2	1	-	1	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	1	2	-	-	-	1	-	-	-
		T	12	-	-	-	-	-	-	-	-	-	-	-	12	-	1	2	3	-	1	2	2	-	1	-
500-502	BRONCHITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 470-527	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS VIII TOTAL	M	9	1	-	-	-	-	-	-	-	-	1	-	8	-	1	1	1	-	1	2	1	-	1	-
		F	6	1	-	-	-	-	-	-	-	-	1	-	5	-	-	1	2	-	-	-	2	-	-	-
		T	15	2	-	-	-	-	-	-	-	-	2	-	13	-	1	2	3	-	1	2	3	-	1	-
	IX. DISEASES OF DIGESTIVE SYSTEM.																									
543	GASTRITIS AND DUODENITIS ...	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 19

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE AT DEATH, INDIANS, ALBERTA, 1968

D68. 08

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	NEONATAL TOTAL -28 DAYS	-1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	POST-NEONATAL TOTAL 28 DAYS -1 YEAR	28 DAYS - 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
560-570	HERNIA AND INTESTINAL OBSTRUCTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
571	GASTRO-ENTERITIS AND COLITIS (4 WEEKS AND OVER)	M	3	-	-	-	-	-	-	-	-	-	-	-	3	2	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	-	-	5	3	1	-	-	-	-	1	-	-	-	-
572	CHRONIC ENTERITIS AND ULCERATIVE COLITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 530-587	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS IX TOTAL	M	3	-	-	-	-	-	-	-	-	-	-	-	3	2	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	-	-	-	-
		T	5	-	-	-	-	-	-	-	-	-	-	-	5	3	1	-	-	-	-	1	-	-	-	-
	X. DISEASES OF GENITO-URINARY SYSTEM.																									
590-637	CLASS X TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																									
690-749	CLASS XII, XIII TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XIV. CONGENITAL MALFORMATIONS.																									
750-759	CLASS XIV TOTAL	M	6	5	3	1	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		F	4	3	-	-	-	-	-	-	-	2	-	1	1	-	1	-	-	-	-	-	-	-	-	-
		T	10	8	3	1	1		-	-	-	2	-	1	2	-	1	1	-	-	-	-	-	-	-	-
	XV. DISEASES OF EARLY INFANCY.																									
760-761	INJURY AT BIRTH.																									
.0	WITHOUT IMMATURITY	M	4	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (760-761)	M	5	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
762	POSTNATAL ASPHYXIA AND ATELECTASIS.																									
.0	WITHOUT IMMATURITY	M	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	4	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (762)	M	4	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
763	PNEUMONIA OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (763)	M	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
764	DIARRHOEA OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (764)	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
765-768	OTHER INFECTIONS OF THE NEWBORN.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (765-768)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
769	MATERNAL TOXAEMIA.																									
.0-.4	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5-.9	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (769)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
770	ERYTHROBLASTOSIS.																									
.0-.2	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5-.7	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (770)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
771	HAEMORRHAGIC DISEASE OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (771)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
772	NUTRITIONAL MALADJUSTMENT.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (772)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 19

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE AT DEATH, INDIANS, ALBERTA, 1968

068. 08

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL -1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	TOTAL 28 DAYS 28 DAYS -1 YEAR	- 2 MOS	POST-NEONATAL 2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY.																									
.0	WITHOUT IMMATURITY	M	2	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		F	7	1	-	1	-	-	-	-	-	-	-	-	6	2	2	1	1	-	-	-	-	-	-	-
		T	9	2	1	1	-	-	-	-	-	-	-	-	7	2	2	1	1	1	-	-	-	-	-	-
.5	WITH IMMATURITY	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (773)	M	3	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		F	7	1	-	1	-	-	-	-	-	-	-	-	6	2	2	1	1	-	-	-	-	-	-	-
		T	10	3	2	1	-	-	-	-	-	-	-	-	7	2	2	1	1	1	-	-	-	-	-	-
774-776	IMMATURITY	M	7	7	5	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	11	11	9	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XV TOTAL	M	21	20	13	3	1	-	-	-	-	-	2	1	1	-	-	-	-	1	-	-	-	-	-	-
		F	16	10	6	2	-	-	-	-	-	1	-	1	6	2	2	1	1	-	-	-	-	-	-	-
		T	37	30	19	5	1	-	-	-	-	1	2	2	7	2	2	1	1	1	-	-	-	-	-	-
	XVI. ILL-DEFINED CONDITIONS.																									
795	ILL-DEFINED AND UNKNOWN .... CAUSES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 780-795	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XVI TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVII. ACCIDENTAL AND VIOLENT CAUSES.																									
E810-E825	MOTOR VEHICLE TRAFFIC ...... ACCIDENTS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E900-E904	ACCIDENTAL FALLS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
E916	FIRE ACCIDENTS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E921-E922	INHALATION AND INGESTION ...	M	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-	-	-	-	-
E924-E925	MECHANICAL SUFFOCATION	M	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	1	-	-	-
	OTHER OF E800-E999	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XVII TOTAL	M	4	1	1	-	-	-	-	-	-	-	-	-	3	1	-	-	-	1	-	-	1	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-	-	-	-	-
		T	6	1	1	-	-	-	-	-	-	-	-	-	5	2	-	-	1	1	-	-	1	-	-	-
	TOTAL ALL CAUSES	M	45	27	17	4	2	-	-	-	-	-	3	1	18	3	2	2	1	2	2	2	2	-	1	1
		F	31	14	6	2	-	-	-	-	-	3	1	2	17	4	3	2	4	1	-	1	2	-	-	-
		T	76	41	23	6	2	-	-	-	-	3	4	3	35	7	5	4	5	3	2	3	4	-	1	1

TABLE 20

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE AT DEATH, REGISTERED INDIANS, ALBERTA, 1968

D68.1.

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL											TOTAL 28 DAYS -1 YEAR	POST-NEONATAL										
					-1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS			28 DAYS - 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
	I. INFECTIVE AND PARASITIC DISEASES.																										
001-019	TUBERCULOSIS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
020-029	SYPHILIS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
045-048	DYSENTERY, ALL FORMS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
050	SCARLET FEVER	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
052	ERYSIPELAS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
055	DIPHTHERIA	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
056	WHOOPING COUGH	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
057	MENINGOCOCCAL INFECTIONS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
085	MEASLES	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 001-138	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	CLASS I TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	II. NEOPLASMS.																										
140-205	MALIGNANT NEOPLASMS.																										
201	HODGKIN S DISEASE	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
204	LEUKAEMIA AND ALEUKAEMIA	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 140-205	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (140-205)	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
210-229	BENIGN NEOPLASMS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
230-239	OTHER NEOPLASMS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	CLASS II TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	III. ALLERGIC, ENDOCRINE AND METABOLIC DISEASES.																										
273	DISEASES OF THYMUS GLAND	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 240-289	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	CLASS III TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	IV. BLOOD DISEASES.																										
290-299	CLASS IV TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	V. MENTAL DISORDERS.																										
325	MENTAL DEFICIENCY	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 300-326	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	CLASS V TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	VI. DISEASES OF NERVOUS SYSTEM AND THE SENSE ORGANS.																										
340	MENINGITIS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
391-392	OTITIS MEDIA	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	1	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	1	-	-	-	-	-	-
	OTHER OF 330-398	M	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	-	-	-	-	-	-	1
	CLASS VI TOTAL	M	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	1	-	-	-	-	-	-
		T	2	-	-	-	-	-	-	-	-	-	-	-		2	-	-	-	-	1	-	-	-	-	-	1
	VII. DISEASES OF CIRCULATORY SYSTEM.																										
400-468	CLASS VII TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	VIII. DISEASES OF THE RESPIRATORY SYSTEM.																										
470-475	ACUTE UPPER RESPIRATORY INFECTION	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	1	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-		-	-	-	-	-	-	-	-	-	-	-	-
480-483	INFLUENZA	M	1	1	-	-	-	-	-	-	-	-	1	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-		1	-	-	-	-	-	-	-	1	-	-	-
		T	2	1	-	-	-	-	-	-	-	-	1	-		1	-	-	-	-	-	-	-	1	-	-	-
490-493	PNEUMONIA (4 WEEKS AND OVER)	M	4	-	-	-	-	-	-	-	-	-	-	-		4	-	-	-	1	-	1	-	1	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-		2	-	-	-	2	-	-	-	-	-	-	-
		T	6	-	-	-	-	-	-	-	-	-	-	-		6	-	-	-	3	-	1	-	1	-	1	-
500-502	BRONCHITIS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 470-527	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	CLASS VIII TOTAL	M	5	1	-	-	-	-	-	-	-	-	1	-		4	-	-	-	1	-	1	-	1	-	1	-
		F	4	1	-	-	-	-	-	-	-	-	1	-		3	-	-	-	2	-	-	-	1	-	-	-
		T	9	2	-	-	-	-	-	-	-	-	2	-		7	-	-	-	3	-	1	-	2	-	1	-
	IX. DISEASES OF DIGESTIVE SYSTEM.																										
543	GASTRITIS AND DUODENITIS	M	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-

TABLE 20

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE AT DEATH, REGISTERED INDIANS, ALBERTA, 1968

D68.1. 08

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	NEONATAL												POST-NEONATAL											
				TOTAL -28 DAYS	-1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	TOTAL 28 DAYS -1 YEAR	28 DAYS - 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
560-570	HERNIA AND INTESTINAL OBSTRUCTION	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
571	GASTRO-ENTERITIS AND COLITIS (4 WEEKS AND OVER)	M	2	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	4	2	1	-	-	-	-	1	-	-	-	-
572	CHRONIC ENTERITIS AND ULCERATIVE COLITIS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 530-587	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS IX TOTAL	M	2	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	-	-	-	-
		T	4	-	-	-	-	-	-	-	-	-	-	-	4	2	1	-	-	-	-	1	-	-	-	-
	X. DISEASES OF GENITO-URINARY SYSTEM.																									
590-637	CLASS X TOTAL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XII, XIII. DISEASES OF THE SKIN AND MUSCULOSKELETAL SYSTEM.																									
690-749	CLASS XII, XIII TOTAL ..	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XIV. CONGENITAL MALFORMATIONS.																									
750-759	CLASS XIV TOTAL	M	4	3	2	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	6	5	2	-	1	-	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-
	XV. DISEASES OF EARLY INFANCY.																									
760-761	INJURY AT BIRTH.																									
.0	WITHOUT IMMATURITY	M	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (760-761)	M	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
762	POSTNATAL ASPHYXIA AND ATELECTASIS.																									
.0	WITHOUT IMMATURITY	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (762)	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
763	PNEUMONIA OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (763)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
764	DIARRHOEA OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (764)	M	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
765-768	OTHER INFECTIONS OF THE NEWBORN.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (765-768)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
769	MATERNAL TOXAEMIA.																									
.0-.4	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5-.9	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (769)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
770	ERYTHROBLASTOSIS.																									
.0-.2	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5-.7	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (770)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
771	HAEMORRHAGIC DISEASE OF NEWBORN.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (771)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
772	NUTRITIONAL MALADJUSTMENT.																									
.0	WITHOUT IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
.5	WITH IMMATURITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (772)	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 20

SELECTED CAUSES OF INFANT DEATH BY SEX AND AGE AT DEATH, REGISTERED INDIANS, ALBERTA, 1968

D68.1. 08

INT L LIST NO.	CAUSE OF DEATH (SEVENTH REVISION)		TOTAL	TOTAL -28 DAYS	NEONATAL											TOTAL 28 DAYS	POST-NEONATAL										
					-1 DAY	1 DAY	2 DAYS	3 DAYS	4 DAYS	5 DAYS	6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28 DAYS -1 YEAR	28 DAYS - 2 MOS	2 MOS	3 MOS	4 MOS	5 MOS	6 MOS	7 MOS	8 MOS	9 MOS	10 MOS	11 MOS
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY.																									
.0	WITHOUT IMMATURITY	M	2	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		F	[illegible]	1	-	1	-	-	-	-	-	-	-	-	5	1	2	1	1	-	-	-	-	-	-	-
		T	8	2	1	1	-	-	-	-	-	-	-	-	[illegible]	1	2	1	1	1	-	-	-	-	-	-
.5	WITH IMMATURITY	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	[illegible]	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL (773)	[illegible]	3	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
		F	[illegible]	1	-	1	-	-	-	-	-	-	-	-	5	1	2	1	1	-	-	-	-	-	-	-
		T	9	3	2	1	-	-	-	-	-	-	-	-	[illegible]	1	2	1	1	1	-	-	-	-	-	-
774-776	IMMATURITY	[illegible]	5	[illegible]	3	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	7	7	5	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XV TOTAL	[illegible]	13	12	7	2	1	-	-	-	-	-	2	-	1	-	-	-	-	[illegible]	-	-	-	-	-	-
		F	12	7	3	2	-	-	-	-	-	1	-	1	5	1	2	1	1	-	-	-	-	-	-	-
		T	25	19	10	4	1	-	-	-	-	1	2	1	6	1	2	1	1	[illegible]	-	-	-	-	-	-
	XVI. ILL-DEFINED CONDITIONS.																									
795	ILL-DEFINED AND UNKNOWN .... CAUSES	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER OF 780-795	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XVI TOTAL	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	XVII. ACCIDENTAL [illegible] VIOLENT CAUSES.																									
E810-E825	MOTOR VEHICLE TRAFFIC ...... ACCIDENTS	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E900-E904	ACCIDENTAL FALLS	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E916	FIRE ACCIDENTS	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E921-E922	INHALATION AND INGESTION ...	M	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
E924-E925	MECHANICAL SUFFOCATION	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-	-	-	-	-	-	-	1	-	-	-
	OTHER OF E800-E999	M	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	1	[illegible]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CLASS XVII TOTAL	M	[illegible]	1	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	[illegible]	1	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	1	-	-	-
	TOTAL ALL CAUSES	M	28	17	10	2	2	-	-	-	-	-	3	-	11	2	1	1	1	1	1	-	2	-	1	1
		F	21	10	3	2	-	-	-	-	-	3	1	1	11	2	2	1	3	1	-	1	1	-	-	-
		T	49	27	13	4	2	-	-	-	-	3	4	1	22	4	3	2	4	2	1	1	3	-	1	1

TABLE 21
LIVE BIRTHS OF INDIANS BY MONTHS, ALBERTA, 1968

	MONTHS											
Total	January	February	March	April	May	June	July	August	September	October	November	December
2,236	157	181	185	211	188	190	186	208	179	184	186	181

TABLE 22
LIVE BIRTHS OF REGISTERED INDIANS BY MONTHS, ALBERTA, 1968

	MONTHS											
Total	January	February	March	April	May	June	July	August	September	October	November	December
1,225	89	102	102	120	100	101	104	110	89	107	102	99

TABLE 23
LEGITIMATE AND ILLEGITIMATE BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS), ALBERTA, 1968

Total Births			Legitimate			Illegitimate		
Total	Male	Female	Total	Male	Female	Total	Male	Female
2,236	1,161	1,075	1,199	598	601	1,037	563	474

TABLE 24
LEGITIMATE AND ILLEGITIMATE BIRTHS OF REGISTERED INDIANS (EXCLUSIVE OF STILLBIRTHS), ALBERTA, 1968

Total Births			Legitimate			Illegitimate		
Total	Male	Female	Total	Male	Female	Total	Male	Female
1,225	655	570	592	302	290	633	353	280

TABLE 25
LIVE BIRTHS OF INDIANS BY AGE OF PARENTS, ALBERTA, 1968

Age of mother (years)	AGE OF FATHER												Total born to married mothers	Born to un-married mothers	Born to all mothers
	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 & over	Not stated			
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9
15	1	4	2	-	-	-	-	-	-	-	-	-	7	27	34
16	2	7	1	-	-	-	-	-	-	-	-	-	10	41	51
17	1	19	4	-	2	1	-	-	-	-	-	-	27	64	91
18	5	26	8	1	-	-	-	-	-	-	-	-	40	83	123
19	2	39	14	5	2	1	-	1	-	-	-	-	64	103	167
20	-	37	26	7	1	-	-	-	-	-	-	-	71	89	160
21	-	28	26	11	4	-	-	-	-	-	-	1	70	87	157
22	-	24	36	14	3	2	-	-	-	-	-	-	79	70	149
23	-	16	32	15	6	1	-	-	-	-	-	-	70	69	139
24	-	11	41	19	6	1	-	-	-	-	-	-	78	51	129
25	-	7	35	22	7	2	-	-	-	-	-	1	74	54	128
26	-	2	32	20	4	-	1	-	-	-	-	1	60	46	106
27	1	3	22	23	10	4	1	1	-	-	-	-	65	38	103
28	-	-	15	15	17	3	1	-	-	-	-	-	51	31	82
29	-	3	10	18	9	4	1	1	-	-	-	-	46	26	72
30	-	-	3	17	22	6	1	3	-	-	-	-	52	16	68
31	-	1	3	13	14	8	2	1	-	-	-	1	43	25	68
32	-	-	4	11	17	6	2	-	-	-	-	1	41	18	59
33	-	-	-	4	15	7	1	2	1	-	-	-	30	14	44
34	-	-	-	10	11	8	3	-	1	-	-	-	33	15	48
35	-	-	-	4	15	7	3	-	-	-	1	1	31	7	38
36	-	1	1	5	17	9	4	1	2	-	-	-	40	16	56
37	-	-	-	2	11	3	3	1	-	-	1	-	21	12	33
38	-	-	1	1	7	10	1	2	-	-	-	-	22	8	30
39	-	-	-	2	3	5	3	2	-	2	-	-	17	7	24
40	-	-	-	1	1	9	6	2	-	2	-	-	21	3	24
41	-	-	-	-	2	2	3	2	-	1	1	-	11	1	12
42	-	-	-	-	3	7	2	1	-	-	-	-	13	3	16
43	-	-	-	-	-	1	1	1	-	-	-	-	3	2	5
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	1	-	-	2	-	-	-	-	3	-	3
46	-	-	-	-	-	-	1	-	-	1	-	-	2	-	2
47	-	-	-	-	-	-	1	1	-	-	-	-	2	-	2
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 & over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
not stated	-	-	1	-	-	-	-	-	-	-	-	1	2	2	4
Total fathers	12	228	317	240	210	107	41	24	4	6	3	7	1,199	1,037	2,236

TABLE 26
LIVE BIRTHS OF REGISTERED INDIANS BY AGE OF PARENTS, ALBERTA, 1968

Age of mother (years)	AGE OF FATHER												Total born to married mothers	Born to un-married mothers	Born to all mothers
	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 & over	Not stated			
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
15	1	-	1	-	-	-	-	-	-	-	-	-	2	16	18
16	-	3	-	-	-	-	-	-	-	-	-	-	3	23	26
17	1	8	2	-	1	1	-	-	-	-	-	-	13	36	49
18	4	14	1	1	-	-	-	-	-	-	-	-	20	55	75
19	-	17	8	2	-	-	-	-	-	-	-	-	27	58	85
20	-	17	8	1	-	-	-	-	-	-	-	-	26	56	82
21	-	10	10	6	1	-	-	-	-	-	-	1	28	54	82
22	-	9	18	7	1	1	-	-	-	-	-	-	36	45	81
23	-	8	16	9	3	-	-	-	-	-	-	-	36	36	72
24	-	5	21	9	2	-	-	-	-	-	-	-	37	34	71
25	-	3	17	14	1	1	-	-	-	-	-	1	37	34	71
26	-	-	18	14	2	-	1	-	-	-	-	1	36	24	60
27	-	2	10	15	3	1	-	-	-	-	-	-	31	28	59
28	-	-	9	8	6	1	1	-	-	-	-	-	25	21	46
29	-	1	2	7	5	1	-	-	-	-	-	-	16	20	36
30	-	-	-	13	12	4	-	2	-	-	-	-	31	8	39
31	-	-	1	8	6	5	1	-	-	-	-	1	22	16	38
32	-	-	3	5	6	4	1	-	-	-	-	-	19	13	32
33	-	-	-	2	10	5	-	1	1	-	-	-	19	8	27
34	-	-	-	5	5	5	3	-	1	-	-	-	19	8	27
35	-	-	-	3	7	4	-	-	-	-	-	1	15	5	20
36	-	-	-	-	13	4	3	1	-	-	-	-	21	10	31
37	-	-	-	1	8	3	3	1	-	-	1	-	17	7	24
38	-	-	-	-	4	5	-	2	-	-	-	-	11	4	15
39	-	-	-	-	3	3	2	1	-	1	-	-	10	4	14
40	-	-	-	-	-	4	5	2	-	2	-	-	13	-	13
41	-	-	-	-	1	2	1	1	-	1	1	-	7	1	8
42	-	-	-	-	1	5	1	-	-	-	-	-	7	1	8
43	-	-	-	-	-	1	1	1	-	-	-	-	3	2	5
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1
46	-	-	-	-	-	-	1	-	-	1	-	-	2	-	2
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 & over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
not stated	-	-	1	-	-	-	-	-	-	-	-	1	2	2	4
Total fathers	6	97	146	130	102	60	24	12	2	5	2	6	592	633	1,225

TABLE 27
BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE, 1968

PLACE OF RESIDENCE

	Total Occurrence	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	U.S.A.	Other
Total Residence	364,826	12,820	2,105	13,774	11,607	96,622	126,257	17,424	18,197	30,149	33,687	370	1,298	443	73
Newfoundland	12,768	12,749	-	4	2	-	7	-	-	1	1	-	2	2	-
Prince Edward Island	2,111	8	2,077	13	11	1	1	-	-	-	-	-	-	-	-
Nova Scotia	13,808	32	16	13,695	33	7	16	2	1	-	-	-	1	3	2
New Brunswick	11,785	5	5	30	11,454	204	12	-	2	-	1	1	-	71	-
Quebec	95,633	18	1	9	59	95,291	161	7	2	5	7	-	13	46	14
Ontario	127,221	3	5	14	11	1,068	125,846	18	10	8	6	-	14	185	33
Manitoba	17,768	1	-	3	3	6	96	17,300	211	36	14	-	67	29	2
Saskatchewan	18,151	1	-	-	-	-	5	49	17,851	206	21	1	3	13	1
Alberta	30,113	3	1	4	3	5	21	21	90	29,782	96	6	53	24	4
British Columbia	33,755	-	-	1	-	5	33	8	22	80	33,509	9	3	68	17
Yukon	374	-	-	-	-	-	-	-	-	-	21	351	-	2	-
Northwest Territories	1,171	-	-	-	-	1	1	-	1	24	-	2	1,142	-	-
U.S.A.	168	-	-	1	31	34	58	19	7	7	11	-	-	-	-

TABLE 28

LIVE BIRTHS AND LIVE BIRTHS IN HOSPITAL BY OCCURRENCE AND RESIDENCE FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	TOTAL BIRTHS				BIRTHS IN HOSPITAL			
	Total by occurrence	Total by residence	By occurrence; residence elsewhere	By residence; occurrence elsewhere	Total by occurrence	Total by residence	By occurrence; residence elsewhere	By residence; occurrence elsewhere
Alberta	30,113	30,149	331	367	29,907	29,943	328	364
Division No. 1	663	702	42	81	662	701	42	81
Bow Island, t.	36	18	26	8	36	18	26	8
Medicine Hat, c.	626	446	203	23	626	446	203	23
Redcliffe, t.	-	33	-	33	-	33	-	33
Other	1	205	-	204	-	204	-	204
Division No. 2	1,678	1,547	200	69	1,665	1,532	199	66
Brooks, t.	190	86	116	12	190	86	116	12
Coaldale, t.	48	35	27	14	48	35	27	14
Lethbridge, c.	996	655	360	19	995	654	360	19
Picture Butte, t.	41	18	32	9	41	18	32	9
Raymond, t.	54	41	29	16	52	40	28	16
Taber, t.	216	103	135	22	216	103	135	22
Other	133	609	55	531	123	596	55	528
Division No. 3	570	602	59	91	557	589	59	91
Cardston, t.	112	89	64	41	111	89	63	41
Claresholm, t.	53	45	20	12	53	45	20	12
Fort Macleod, t.	113	46	73	6	113	46	73	6
Magrath, t.	58	21	40	3	58	21	40	3
Pincher Creek, t.	128	59	78	9	125	59	75	9
Other	106	342	31	267	97	329	31	263
Division No. 4	197	212	21	36	190	205	21	36
Hanna, t.	102	49	54	1	102	49	54	1
Other	95	163	8	76	88	156	8	76
Division No. 5	357	618	12	273	351	610	12	271
Drumheller, c.	186	90	101	5	186	90	101	5
Three Hills, t.	68	43	34	9	68	43	34	9
Vulcan, t.	54	29	33	8	54	29	33	8
Other	49	456	5	412	43	448	5	410
Division No. 6	8,288	7,931	487	130	8,268	7,913	485	130
Calgary, c.	7,884	7,244	757	117	7,874	7,235	756	117
Didsbury, t.	92	27	70	5	92	27	70	5
High River, t.	125	28	101	4	125	28	101	4
Olds, t.	159	75	94	10	159	75	94	10
Other	28	557	2	531	18	548	1	531
Division No. 7	597	634	57	94	588	625	57	94
Castor, t.	70	11	61	2	69	11	60	2
Provost, t.	91	21	72	2	91	21	72	2
Stettler, t.	141	77	75	11	140	77	74	11
Wainwright, t.	111	70	49	8	110	69	49	8
Other	184	455	27	298	178	447	27	296
Division No. 8	1,415	1,535	74	194	1,406	1,526	74	194
Innisfail, t.	136	43	102	9	135	42	102	9
Lacombe, t.	140	44	103	7	140	44	103	7
Ponoka, t.	121	71	60	10	121	71	60	10
Red Deer, c.	706	526	203	23	706	526	203	23
Rimbey, t.	80	37	49	6	80	37	49	6
Rocky Mtn. House, t.	144	93	70	19	138	87	70	19
Sylvan Lake, t.	-	25	-	25	-	25	-	25
Other	88	696	18	626	86	694	18	626

TABLE 28
LIVE BIRTHS AND LIVE BIRTHS IN HOSPITAL BY OCCURRENCE AND RESIDENCE FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER, ALBERTA, 1968

	TOTAL BIRTHS				BIRTHS IN HOSPITAL			
	Total by occurrence	Total by residence	By occurrence; residence elsewhere	By residence; occurrence elsewhere	Total by occurrence	Total by residence	By occurrence; residence elsewhere	By residence; occurrence elsewhere
Division No. 9	236	306	24	94	229	300	23	94
Bellevue, vl.	2	16	1	15	2	16	1	15
Blairmore, t.	-	21	-	21	-	21	-	21
Canmore, vl.	24	30	9	15	24	30	9	15
Coleman, t.	1	27	-	26	1	27	-	26
Other	209	212	80	83	202	206	79	83
Division No. 10	820	1,035	105	320	817	1,033	104	320
Camrose, c.	279	147	145	13	279	147	145	13
Lloydminster, c. (pt)	-	109	-	109	-	109	-	109
Two Hills, t.	39	16	26	3	39	16	26	3
Vegreville, t.	154	74	95	15	154	74	95	15
Vermilion, t.	101	43	68	10	100	42	68	10
Viking, t.	63	18	48	3	62	17	48	3
Other	184	628	43	487	183	628	42	487
Division No. 11	11,212	10,446	952	186	11,194	10,430	950	186
Devon, t.	-	18	-	18	-	18	-	18
Drayton Valley, t.	212	99	119	6	212	99	119	6
Edmonton, c.	10,349	8,764	1,723	138	10,343	8,758	1,723	138
Ft. Saskatchewan, t.	87	68	39	20	83	67	36	20
Leduc, t.	116	67	70	21	116	67	70	21
St. Albert, t.	-	178	-	178	-	178	-	178
Stony Plain, t.	118	29	101	12	118	29	101	12
Wetaskiwin, c.	295	101	210	16	295	101	210	16
Other	35	1,122	3	1,090	27	1,113	1	1,087
Division No. 12	1,162	1,248	74	160	1,142	1,228	74	160
Bonnyville, t.	141	61	91	11	140	61	90	11
Cold Lake, t.	103	38	71	6	103	38	71	6
Fort McMurray, t.	191	187	34	30	191	187	34	30
Grand Centre, t.	-	44	-	44	-	44	-	44
Lac La Biche, t.	156	61	107	12	156	61	107	12
St. Paul, t.	240	90	161	11	240	90	161	11
Other	331	767	63	499	312	747	63	498
Division No. 13	583	729	82	228	578	724	82	228
Athabasca, t.	141	24	123	6	141	24	123	6
Barrhead, t.	211	51	164	4	211	51	164	4
Redwater, t.	-	21	-	21	-	21	-	21
Westlock, t.	170	52	133	15	170	52	133	15
Other	61	581	20	540	56	576	20	540
Division No. 14	348	405	39	96	343	400	39	96
Edson, t.	119	99	46	26	119	99	46	26
Hinton, t.	106	96	17	7	106	96	17	7
Whitecourt, t.	118	75	47	4	118	75	47	4
Other	5	135	-	130	-	130	-	130
Division No. 15	1,987	2,199	25	237	1,917	2,127	25	235
Beaverlodge, t.	37	25	28	16	37	25	28	16
Fairview, t.	107	31	90	14	106	31	89	14
Grande Prairie, c.	487	321	184	18	487	321	184	18
Grimshaw, t.	-	47	-	47	-	47	-	47
High Prairie, t.	222	65	167	10	222	65	167	10
Manning, t.	124	32	101	9	123	32	100	9
McLennan, t.	98	27	71	-	98	27	71	-
Peace River, t.	295	147	154	6	295	147	154	6
Slave Lake, t.	54	65	21	32	52	63	21	32
Spirit River, t.	116	22	94	-	116	22	94	-
Swan Hills, t.	-	40	-	40	-	4-	-	40
Valleyview, t.	85	57	40	12	84	56	40	12
Other	362	1,320	12	970	297	1,251	12	966

TABLE 29
LIVE BIRTHS BY MONTHS IN ALBERTA, 1968

	Total	January	February	March	April	May	June	July	August	September	October	November	December
Province of Alberta	30,149	2,432	2,248	2,577	2,633	2,704	2,548	2,634	2,583	2,555	2,465	2,331	2,439
Male	15,640	1,249	1,149	1,337	1,378	1,431	1,285	1,369	1,353	1,326	1,296	1,226	1,241
Female	14,509	1,183	1,099	1,240	1,255	1,273	1,263	1,265	1,230	1,229	1,169	1,105	1,198

TABLE 30
LIVE BIRTHS FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES
OF 1,000 POPULATION AND OVER BY TYPE OF ATTENDANCE, ALBERTA, 1968

		ATTENDED BY			
	Total	Physician	Nurse	Midwife	Unattended and N.S.
Alberta	30,149	29,918	80	76	7.5
Division No. 1	702	701	-	1	-
Bow Island, t.	18	18	-	-	-
Medicine Hat, c.	446	446	-	-	-
Redcliffe, t.	33	33	-	-	-
Other	205	204	-	1	-
Division No. 2	1,547.	1.534	-	10	3
Brooks, t.	86	86	-	-	-
Coaldale, t.	35	35	-	-	-
Lethbridge, c.	655	655	-	-	-
Picture Butte, t.	18	18	-	-	-
Raymond, t.	41	41	-	-	-
Taber, t.	103	103	-	-	-
Other	609	596	-	10	3
Division No. 3	602	589	-	9	4
Cardston, t.	89	89	-	-	-
Claresholm, t.	45	45	-	-	-
Fort Macleod, t.	46	46	-	-	-
Magrath, t.	21	21	-	-	-
Pincher Creek, t.	59	59	-	-	-
Other	342	329	-	9	4
Division No. 4	212	207	-	4	1
Hanna, t.	49	49	-	-	-
Other	163	158	-	4	1
Division No. 5	618	606	7	4	1
Drumheller, c.	90	90	-	-	-
Three Hills, t.	43	43	-	-	-
Vulcan, t.	29	29	-	-	-
Other	456	444	7	4	1
Division No. 6	7,931	7,925	-	1	5
Calgary, c.	7,244	7,242	-	-	2
Didsbury, t.	27	27	-	-	-
High River, t	28	28	-	-	-
Olds, t.	75	75	-	-	-
Other	557	553	-	1	3
Division No. 7	634	626	-	2	6
Castor, t.	11	11	-	-	-
Provost, t.	21	21	-	-	-
Stettler, t.	77	77	-	-	-
Wainwright, t.	70	70	-	-	-
Other	455	447	-	2	6
Division No. 8	1,535	1,529	-	2	4
Innisfail, t.	43	43	-	-	-
Lacombe, t.	44	44	-	-	-
Ponoka, t.	71	71	-	-	-
Red Deer, c.	526	526	-	-	-
Rimbey, t.	37	37	-	-	-
Rocky Mtn. House, t.	93	89	-	1	3
Sylvan Lake, t.	25	25	-	-	-
Other	696	694	-	1	1

TABLE 30
LIVE BIRTHS FOR CENSUS DIVISIONS AND INCORPORATED URBAN PLACES OF 1,000 POPULATION AND OVER BY TYPE OF ATTENDANCE, ALBERTA, 1968

	Total	ATTENDED BY			
		Physician	Nurse	Midwife	Unattended and N.S.
Division No. 9	306	301	–	3	2
Bellevue, vl.	16	16	–	–	–
Blairmore, t.	21	21	–	–	–
Canmore, vl.	30	30	–	–	–
Coleman, t.	27	27	–	–	–
Other	212	207	–	3	2
Division No. 10	1,035	1,033	1	–	1
Camrose, c.	147	147	–	–	–
Lloydminster, c. (pt)	109	109	–	–	–
Two Hills, t.	16	16	–	–	–
Vegreville, t.	74	74	–	–	–
Vermilion, t.	43	43	–	–	–
Viking, t.	18	17	–	–	1
Other	628	627	1	–	–
Division No. 11	10,446	10,438	–	4	4
Devon, t.	18	18	–	–	–
Drayton Valley, t.	99	99	–	–	–
Edmonton, c.	8,764	8,763	–	–	1
Fort Saskatchewan, t.	68	68	–	–	–
Leduc, t.	67	67	–	–	–
St. Albert, t.	178	178	–	–	–
Stony Plain, t.	29	29	–	–	–
Wetaskiwin, c.	101	101	–	–	–
Other	1,122	1,115	–	4	3
Division No. 12	1,248	1,229	6	10	3
Bonnyville, t.	61	61	–	–	–
Cold Lake, t.	38	38	–	–	–
Fort McMurray, t.	187	187	–	–	–
Grand Centre, t.	44	44	–	–	–
Lac La Biche, t.	61	61	–	–	–
St. Paul, t.	90	90	–	–	–
Other	767	748	6	10	3
Division No. 13	729	722	2	–	5
Athabasca, t.	24	24	–	–	–
Barrhead, t.	51	51	–	–	–
Redwater, t.	21	21	–	–	–
Westlock, t.	52	52	–	–	–
Other	581	574	2	–	5
Division No. 14	405	401	–	–	4
Edson, t.	99	99	–	–	–
Hinton, t.	96	96	–	–	–
Whitecourt, t.	75	75	–	–	–
Other	135	131	–	–	4
Division No. 15	2,199	2,077	64	26	32
Beaverlodge, t.	25	25	–	–	–
Fairview, t.	31	31	–	–	–
Grande Prairie, c.	321	321	–	–	–
Grimshaw, t.	47	47	–	–	–
High Prairie, t.	65	65	–	–	–
Manning, t.	32	32	–	–	–
McLennan, t.	27	27	–	–	–
Peace River, t.	147	147	–	–	–
Slave Lake, t.	65	64	–	–	1
Spirit River, t.	22	22	–	–	–
Swan Hills, t.	40	40	–	–	–
Valleyview, t.	57	56	–	–	1
Other	1,320	1,200	64	26	30

TABLE 31
LIVE BIRTHS BY AGE OF PARENTS, ALBERTA, 1968

Age of mother (years)	AGE OF FATHER																								Total born to married mothers		Born to unmarried mothers		Born to all mothers	
	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 & over		Not stated							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1
14	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	8	12	9	13
15	4	6	5	10	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	18	53	35	62	53
16	24	26	44	33	5	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	63	93	94	167	157
17	56	53	126	125	11	16	-	7	1	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	196	203	158	142	354	345
18	82	62	288	274	55	45	7	11	5	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	440	396	219	199	659	595
19	45	61	482	429	103	98	31	21	2	3	-	5	1	-	1	-	-	-	-	-	-	-	-	-	665	617	234	222	899	839
20	37	29	578	550	218	219	47	37	15	9	3	2	-	1	-	-	-	-	-	-	-	-	-	-	898	847	206	176	1,104	1,023
21	6	5	591	562	369	332	76	74	20	21	3	3	-	3	-	-	-	-	-	-	-	-	-	1	1,065	1,001	172	147	1,237	1,148
22	2	4	399	388	439	410	96	88	36	20	3	5	1	-	1	-	-	-	-	-	-	-	-	-	977	915	120	123	1,097	1,038
23	-	1	276	254	565	548	141	121	35	19	6	7	2	1	-	2	-	-	-	-	-	-	-	1	1,025	954	120	101	1,145	1,055
24	1	-	157	172	683	557	162	190	38	39	6	8	2	2	-	-	-	-	-	-	-	-	-	1	1,049	969	78	75	1,127	1,044
25	1	-	81	83	620	559	225	216	50	47	11	9	3	1	1	-	-	-	-	-	-	-	1	-	993	915	69	81	1, 062	996
26	-	-	43	35	496	427	284	266	62	59	17	12	1	4	1	-	-	-	-	1	-	-	1	-	905	804	60	53	965	857
27	-	1	23	16	329	349	325	253	86	70	24	9	3	7	1	1	-	-	1	-	-	-	-	-	792	706	48	46	840	752
28	-	-	12	8	236	226	326	302	94	93	20	19	3	5	3	-	1	-	-	-	-	-	-	-	695	653	37	28	732	681
29	-	-	5	7	151	130	271	300	114	92	25	27	8	4	3	1	-	-	-	-	-	-	-	-	577	561	25	40	602	601
30	-	-	4	4	71	65	279	260	134	131	34	34	9	3	3	2	-	-	-	-	-	-	-	-	534	499	26	22	560	521
31	-	-	5	3	45	32	237	194	131	117	45	37	5	6	4	-	1	1	2	-	-	-	-	1	475	391	22	15	497	406
32	-	-	2	-	20	29	145	149	148	139	38	41	8	9	4	2	2	1	1	1	-	-	1	-	369	371	19	26	388	397
33	-	-	1	-	12	14	124	103	161	142	47	40	7	10	1	1	1	2	1	-	-	-	-	-	355	312	13	15	368	327
34	-	-	1	-	6	9	86	74	166	125	60	45	17	11	-	1	-	3	-	1	-	-	-	-	336	269	15	19	351	288
35	-	-	2	-	6	7	33	49	135	139	64	53	15	15	3	4	1	1	1	-	1	-	-	1	261	269	16	6	277	275
36	-	-	-	1	4	1	20	29	100	109	65	56	20	18	5	3	2	1	-	-	-	1	-	-	216	219	9	18	225	237
37	-	-	-	-	3	1	17	13	99	80	70	63	17	14	4	3	2	1	1	-	1	-	-	-	214	175	10	11	224	186
38	-	-	-	-	1	2	9	12	52	60	73	84	21	21	9	6	-	-	-	-	-	-	-	-	165	185	8	9	173	194
39	-	-	-	-	1	2	3	9	24	37	61	51	28	27	3	6	-	5	1	3	-	-	-	-	121	140	5	9	126	149
40	-	-	-	-	2	2	1	4	20	17	61	46	25	22	5	3	2	1	2	-	1	-	-	-	119	95	6	6	125	101
41	-	-	-	-	-	2	2	3	12	8	41	28	21	21	9	7	-	3	1	-	1	-	-	-	87	72	7	2	94	74
42	-	-	-	-	-	-	1	2	7	8	29	24	19	16	2	8	-	3	1	1	-	-	-	-	59	62	7	7	66	69
43	-	-	-	-	1	-	1	-	4	1	10	12	16	12	8	8	2	2	-	-	-	-	-	-	42	35	1	2	43	37
44	-	-	-	-	-	-	-	-	1	2	4	5	8	6	8	6	2	-	-	-	-	-	-	-	23	19	-	1	23	20
45	-	-	-	-	-	-	-	-	3	2	3	3	4	6	2	1	1	-	-	-	-	-	-	-	13	12	-	1	13	13
46	-	-	-	-	-	-	-	1	-	-	2	-	6	1	2	1	2	-	1	-	-	-	-	-	13	3	-	1	13	4
47	-	-	-	-	-	-	-	-	-	-	-	1	1	4	1	1	1	1	-	-	-	-	-	-	3	7	-	1	3	8
48	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	-	1	-	-	-	-	-	-	-	5	1	-	-	5	1
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	1	1
50 & over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
not stated	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	1	1	3	3
Total fathers	258	248	3,126	2,954	4,453	4,086	2,949	2,792	1,756	1,594	830	730	272	251	86	68	22	25	13	7	4	1	4	6	13,773	12,762	1,867	1,747	15,640	14,509

TABLE 32
LIVE BIRTHS BY AGE OF MOTHER AND TOTAL BIRTH ORDER, ALBERTA, 1968

Age of mother (years)	Total		ORDER OF BIRTH OF CHILD																																																			
			1st		2nd		3rd		4th		5th		6th		7th		8th		9th		10th		11th		12th		13th		14th		15th		16th		17th		18th		19th		20th		21st		22nd		23rd		24th		25th		Not stated	
	Male	Female	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	9	13	9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	62	53	62	51	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	167	157	154	152	12	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	354	345	306	298	44	44	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	659	595	538	469	115	121	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	899	839	648	610	218	188	29	33	3	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	1,104	1,023	686	646	334	298	71	66	12	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	1,237	1,148	635	605	443	413	115	96	35	28	8	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	1,097	1,038	481	466	406	371	146	144	45	40	13	12	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	1,145	1,055	411	403	438	405	191	165	77	51	18	24	7	4	2	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	1,127	1,044	355	356	414	362	215	204	96	76	29	31	12	8	3	2	2	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
25	1,062	996	282	274	378	356	221	215	111	98	34	35	27	9	7	6	2	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	965	857	221	198	313	288	244	200	106	105	51	34	19	21	9	3	2	4	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	840	752	139	155	257	216	206	196	127	111	57	42	29	17	17	7	7	4	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	732	681	128	113	194	191	171	187	122	87	59	56	27	19	19	12	9	8	1	5	2	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	602	601	77	81	163	133	150	163	83	100	64	60	29	33	21	14	9	8	5	5	-	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	560	521	70	66	114	104	140	145	91	101	58	52	39	28	23	10	14	9	6	4	3	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	497	406	56	43	103	73	109	90	100	107	52	34	34	22	16	17	12	8	9	7	2	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	388	397	32	34	71	64	86	92	81	78	40	58	32	28	21	7	11	18	6	6	3	8	2	-	-	-	-	1	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	368	327	33	24	47	51	75	69	67	75	64	38	38	28	19	16	7	10	12	8	1	4	2	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	351	288	19	25	48	41	68	49	79	56	49	38	36	25	19	26	16	8	8	7	4	6	4	2	1	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	277	275	12	19	34	32	54	52	58	50	32	37	32	27	21	19	10	13	12	8	5	6	3	4	2	4	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	225	237	13	10	19	28	47	42	40	44	32	29	15	26	13	18	15	14	10	6	7	9	3	4	8	2	2	3	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	224	186	10	15	28	23	33	21	30	26	33	25	22	22	30	15	15	16	8	6	8	7	5	5	1	4	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	173	194	6	12	13	21	26	23	24	37	35	31	24	20	14	14	9	13	5	8	2	6	8	3	4	1	-	1	2	2	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	126	149	8	8	6	12	23	26	15	27	20	13	14	9	13	21	9	15	7	9	1	2	3	3	2	3	1	-	1	1	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	125	101	7	7	7	8	13	8	10	21	20	19	17	11	13	9	6	4	8	2	5	2	5	5	6	3	4	1	1	-	2	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	94	74	3	2	7	3	20	7	13	12	8	10	5	5	10	8	5	8	4	3	8	8	5	4	2	3	2	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	66	69	3	1	3	4	5	9	12	9	10	4	2	9	7	6	4	11	6	5	-	3	3	3	1	3	4	-	5	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	43	37	-	2	4	1	3	3	6	5	6	6	6	7	2	3	1	1	2	1	6	2	3	1	1	1	1	2	1	1	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	23	20	1	-	1	-	2	3	2	7	5	2	4	3	1	1	3	1	1	3	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	13	13	-	-	-	-	1	3	2	1	-	3	4	2	2	2	2	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	13	4	-	-	1	1	2	-	1	1	2	-	-	-	3	-	-	-	1	-	-	-	2	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	3	8	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	-	2	1	1	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
48	5	1	-	-	-	-	1	1	-	-	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 & over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	3	3	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Total	15,640	14,509	5,406	5,159	4,235	3,861	2,476	2,319	1,451	1,374	802	698	483	390	306	239	171	180	114	102	60	78	55	35	34	34	16	18	14	9	7	1	3	4	4	1	1	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	2	3

TABLE 33
MULTIPLE BIRTHS BY AGE OF MOTHER, ALBERTA, 1968

Age of mother	Total Confinements	TOTAL CHILDREN				SINGLE			SETS OF TWINS					SETS OF TRIPLETS		
				Stillborn			Stillborn			1 Liveborn 1 Stillborn		Both Stillborn			2 Liveborn 1 Stillborn	
		Total	Liveborn	20-27 weeks	28+ weeks	Liveborn	20-27 weeks	28+ weeks	Both Liveborn	20-27 weeks	28+ weeks	20-27 wks.	28+ wks.	All Liveborn	20-27 wks.	28+ wks.
Total	30,150	30,467	30,149	64	254	29,547	55	235	290	2	9	3	5	3	1	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	2	2	2	-	-	2	-	-	-	-	-	-	-	-	-	-
14	22	22	22	-	-	22	-	-	-	-	-	-	-	-	-	-
15	114	115	115	-	-	113	-	-	1	-	-	-	-	-	-	-
16	324	327	324	1	2	318	1	2	3	-	-	-	-	-	-	-
17	700	706	699	2	5	687	2	5	6	-	-	-	-	-	-	-
18	1,252	1,260	1,254	1	5	1,238	1	5	8	-	-	-	-	-	-	-
19	1,741	1,760	1,738	5	17	1,702	5	15	18	-	-	-	1	-	-	-
20	2,119	2,141	2,127	4	10	2,088	3	7	17	1	1	-	1	1	-	-
21	2,382	2,400	2,385	4	11	2,351	4	9	16	-	2	-	-	-	-	-
22	2,137	2,155	2,135	5	15	2,099	5	15	18	-	-	-	-	-	-	-
23	2,204	2,225	2,200	5	20	2,158	5	20	21	-	-	-	-	-	-	-
24	2,159	2,189	2,171	4	14	2,117	3	10	25	1	-	-	2	1	-	-
25	2,058	2,076	2,058	2	16	2,023	2	15	17	-	1	-	-	-	-	-
26	1,819	1,840	1,822	4	14	1,783	4	12	18	-	-	-	1	1	-	-
27	1,587	1,606	1,592	3	11	1,558	-	11	16	-	-	1	-	-	1	-
28	1,416	1,431	1,413	-	18	1,384	-	17	14	-	1	-	-	-	-	-
29	1,199	1,212	1,203	2	7	1,177	2	7	13	-	-	-	-	-	-	-
30	1,086	1,094	1,081	3	10	1,068	1	9	6	-	1	1	-	-	-	-
31	901	914	903	1	10	877	1	10	13	-	-	-	-	-	-	-
32	783	795	785	3	7	761	3	7	12	-	-	-	-	-	-	-
33	695	703	695	1	7	679	1	7	8	-	-	-	-	-	-	-
34	644	654	639	3	12	619	3	12	10	-	-	-	-	-	-	-
35	549	560	552	-	8	531	-	7	10	-	1	-	-	-	-	-
36	470	474	462	2	10	454	2	10	4	-	-	-	-	-	-	-
37	415	419	410	4	5	404	2	5	3	-	-	1	-	-	-	-
38	362	370	367	-	3	352	-	2	7	-	1	-	-	-	-	-
39	279	281	275	2	4	272	2	3	1	-	1	-	-	-	-	-
40	229	230	226	2	2	224	2	2	1	-	-	-	-	-	-	-
41	169	172	168	-	4	162	-	4	3	-	-	-	-	-	-	-
42	138	138	135	1	2	135	1	2	-	-	-	-	-	-	-	-
43	84	84	80	-	4	80	-	4	-	-	-	-	-	-	-	-
44	43	43	43	-	-	43	-	-	-	-	-	-	-	-	-	-
45	27	27	26	-	1	26	-	1	-	-	-	-	-	-	-	-
46	17	17	17	-	-	17	-	-	-	-	-	-	-	-	-	-
47	11	11	11	-	-	11	-	-	-	-	-	-	-	-	-	-
48	5	6	6	-	-	4	-	-	1	-	-	-	-	-	-	-
49	2	2	2	-	-	2	-	-	-	-	-	-	-	-	-	-
50+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	6	6	6	-	-	6	-	-	-	-	-	-	-	-	-	-

TABLE 34
LIVE BIRTHS BY PERIOD OF GESTATION AND BIRTHWEIGHT, ALBERTA, 1968

		Period of gestation (weeks)																												
Birthweight (grams)	Total	Under 16 weeks	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43+	Not stated
														MALES																	
Total	15,640	-	-	-	3	2	8	1	12	12	18	14	17	19	27	23	32	29	86	62	107	144	411	654	1,678	2,328	7,189	1,655	920	183	6
500 or less	15	-	-	-	2	2	2	-	5	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501 - 750	29	-	-	-	1	-	3	1	5	5	7	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
751 - 1000	41	-	-	-	-	-	3	-	2	2	7	6	11	6	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1001 - 1250	34	-	-	-	-	-	-	-	-	2	1	2	2	6	8	8	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
1251 - 1500	59	-	-	-	-	-	-	-	-	-	3	1	1	2	8	5	9	8	10	2	5	2	-	1	2	-	-	-	-	-	-
1501 - 1750	92	-	-	-	-	-	-	-	-	1	-	-	2	-	5	7	12	8	19	7	6	4	5	3	5	3	5	-	-	-	-
1751 - 2000	135	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	5	34	18	16	11	17	10	4	2	10	-	-	1	-
2001 - 2250	230	-	-	-	-	-	-	-	-	-	-	-	-	3	2	1	-	5	8	12	23	32	46	23	25	19	24	7	-	-	-
2251 - 2500	511	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	6	13	27	29	81	85	79	69	99	10	11	-	-
2501 - 2750	994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	8	12	25	100	104	216	143	306	47	22	3	2
2751 - 3000	1,706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	9	16	63	145	306	299	673	123	62	7	-
3001 - 3250	2,902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	11	48	131	425	537	1,310	270	147	17	-
3251 - 3500	3,050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	7	27	78	299	505	1,554	343	197	37	-
3501 - 3750	2,779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	13	52	187	426	1,514	349	184	48	-
3751 - 4000	1,643	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	7	15	75	206	912	254	140	30	1
4001 - 4250	841	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	44	78	461	148	87	15	-
4251 - 4500	322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	22	187	60	33	13	-
4501 - 4750	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	12	88	29	25	7	-
4751 - 5000	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	4	27	10	7	3	-
5001 - 5250	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	3	3	1	-
5251 - 5500	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	-	-
5501 - 5750	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	1	-
5751 - 6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6001 - 6250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6251 - 6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6501 +	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	10	-	-	-	3

TABLE 34
LIVE BIRTHS BY PERIOD OF GESTATION AND BIRTHWEIGHT, ALBERTA, 1968

Birthweight (grams)	Total	Period of gestation (weeks)																												
		Under 16 weeks	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43+	Not stated
FEMALES																														
Total	14,509	-	1	2	3	2	3	4	6	9	14	8	21	18	39	14	36	26	60	40	91	109	388	554	1,359	2,166	6,774	1,676	884	193	9
500 or less	26	-	1	2	3	1	2	4	3	5	2	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501 - 750	31	-	-	-	-	1	1	-	3	2	8	6	9	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
751 - 1000	33	-	-	-	-	-	-	-	-	1	1	2	6	8	9	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
1001 - 1250	48	-	-	-	-	-	-	-	-	-	2	-	4	6	16	7	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-
1251 - 1500	43	-	-	-	-	-	-	-	-	-	-	-	-	1	8	3	10	9	5	1	2	1	-	-	2	1	-	-	-	-	-
1501 - 1750	90	-	-	-	-	-	-	-	-	-	-	-	1	2	3	2	8	10	17	10	14	1	7	6	4	2	1	-	-	1	1
1751 - 2000	130	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1	3	2	11	12	18	9	28	10	11	7	14	-	1	-	-
2001 - 2250	259	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	7	8	21	24	57	33	39	26	34	5	2	1	-
2251 - 2500	609	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	5	7	17	30	81	86	106	69	163	28	12	2	-
2501 - 2750	1,385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	1	10	24	97	118	207	238	520	109	45	8	3
2751 - 3000	2,089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	8	55	119	288	400	928	177	90	20	-
3001 - 3250	3,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	2	7	32	101	341	530	1,543	325	169	44	-
3251 - 3500	2,907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	2	20	47	198	437	1,537	425	197	40	-
3501 - 3750	2,027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	5	23	101	282	1,081	317	185	29	1
3751 - 4000	1,050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	6	43	110	574	185	105	21	-
4001 - 4250	415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8	39	237	61	51	17	-
4251 - 4500	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	6	17	88	22	16	6	-
4501 - 4750	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	7	33	17	6	2	-
4751 - 5000	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	1	8	1	4	2	-
5001 - 5250	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	1	-	-
5251 - 5500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5501 - 5750	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
5751 - 6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6001 - 6250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6251 - 6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6501 +	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	8	-	-	-	4

TABLE 35
LIVE BIRTHS BY AGE OF MOTHER AND BIRTHWEIGHT, ALBERTA, 1968

Birthweight (grams)	Total	Age of Mother																																	
		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45+	Not stated
MALES																																				
Total	15,640	-	1	9	62	167	354	659	899	1,104	1,237	1,097	1,145	1,127	1,062	965	840	732	602	560	497	388	368	351	277	225	224	173	126	125	94	66	43	23	35	3
500 or less	15	-	-	-	-	1	-	-	-	1	2	1	1	1	-	3	1	1	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501 - 750	29	-	-	-	-	1	-	1	2	2	2	3	5	1	2	1	1	2	2	1	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
751 - 1000	41	-	-	-	-	-	2	2	3	1	4	4	3	-	2	2	1	2	-	2	1	1	2	4	2	-	1	-	1	1	-	-	-	-	-	-
1001 - 1250	34	-	-	-	-	-	4	-	5	-	3	1	4	3	1	1	1	3	-	-	2	1	2	1	1	-	1	-	-	-	-	-	-	-	-	-
1251 - 1500	59	-	-	-	-	2	4	5	3	10	5	1	-	5	4	3	-	4	2	5	1	1	-	2	-	-	-	1	-	-	-	1	-	-	-	-
1501 - 1750	92	-	-	-	-	3	3	2	9	6	11	7	5	7	7	3	3	1	3	2	4	2	2	2	4	1	1	1	1	-	1	-	1	-	-	-
1751 - 2000	135	-	-	-	1	1	4	9	13	10	3	5	13	10	8	5	7	10	4	4	3	4	3	3	3	2	1	3	1	-	2	1	-	-	2	-
2001 - 2250	230	-	-	-	1	3	5	11	23	20	9	16	17	17	15	3	14	10	10	4	11	6	-	9	4	5	2	4	2	5	2	1	-	-	1	-
2251 - 2500	511	-	-	1	1	3	15	20	34	31	39	51	40	39	40	38	25	23	15	6	15	10	5	7	11	9	8	8	1	4	3	4	1	1	3	-
2501 - 2750	994	-	-	1	7	18	30	60	74	76	71	60	65	78	72	56	44	51	37	28	25	23	18	16	20	18	13	3	7	8	6	6	1	-	2	-
2751 - 3000	1,706	-	-	1	5	14	34	85	108	122	155	133	136	109	106	111	93	78	68	55	60	32	40	37	21	23	20	15	12	12	9	5	2	-	5	-
3001 - 3250	2,902	-	-	2	18	32	66	131	177	234	259	203	232	225	208	173	137	134	103	107	88	64	59	58	36	32	25	27	23	12	12	11	7	5	2	-
3251 - 3500	3,050	-	-	2	16	28	79	126	180	224	248	228	231	203	215	196	170	124	113	105	78	82	80	63	53	35	53	33	25	22	16	7	4	4	7	-
3501 - 3750	2,779	-	-	1	6	33	55	104	143	202	217	181	213	215	181	182	162	133	105	112	84	72	69	68	49	33	36	20	26	24	20	13	9	4	7	-
3751 - 4000	1,643	-	-	1	3	16	28	55	70	94	114	117	102	129	99	104	89	85	83	73	73	38	42	47	38	36	35	28	9	15	7	5	2	2	3	1
4001 - 4250	841	-	1	-	3	8	14	31	34	47	62	51	53	52	68	52	64	38	27	33	26	30	15	17	15	16	17	17	7	11	9	4	11	6	2	-
4251 - 4500	322	-	-	-	1	1	4	12	13	12	21	22	14	20	20	19	15	19	15	15	14	8	15	8	7	7	6	10	8	6	2	4	3	1	-	-
4501 - 4750	163	-	-	-	-	1	4	2	4	7	8	7	8	10	12	7	9	10	9	8	6	9	8	6	7	6	4	3	1	2	2	1	1	-	1	-
4751 - 5000	54	-	-	-	-	2	2	3	4	2	1	5	2	3	1	4	1	3	4	-	1	2	6	1	1	1	-	-	1	1	1	1	1	-	-	-
5001 - 5250	12	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	1	-	-	-	1	-	-	1	2	-	-	-	1	1	-	1	-	-	-	-
5251 - 5500	5	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
5501 - 5750	6	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
5751 - 6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6001 - 6250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6251 - 6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6501 +	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	17	-	-	-	-	-	1	-	-	2	-	-	1	-	-	1	-	1	2	-	1	1	1	-	2	-	-	-	-	-	2	-	-	-	-	2

TABLE 35
LIVE BIRTHS BY AGE OF MOTHER AND BIRTHWEIGHT, ALBERTA, 1968

		Age of Mother																																	
Birthweight (grams)	Total	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45+	Not stated
FEMALES																																				
Total	14,509	-	1	13	53	157	345	595	839	1,023	1,148	1,038	1,055	1,044	996	857	752	681	601	521	406	397	327	288	275	237	186	194	149	101	74	69	37	20	27	3
500 or less	26	-	-	-	-	-	1	3	2	2	-	1	3	1	2	2	4	-	-	1	-	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-
501 - 750	31	-	-	-	-	1	4	1	2	1	3	1	1	2	2	-	-	3	-	1	1	1	1	1	1	-	1	1	-	1	-	1	-	-	-	-
751 - 1000	33	-	-	-	-	3	-	-	4	2	2	2	4	3	3	1	-	-	3	-	-	1	2	-	-	1	1	1	-	-	-	-	-	-	-	-
1001 - 1250	48	-	-	1	-	1	2	4	4	4	4	1	3	1	1	2	5	3	3	-	1	1	-	-	1	2	-	2	-	-	1	1	-	-	-	-
1251 - 1500	43	-	-	-	2	1	1	3	1	5	3	-	1	4	3	2	3	1	2	-	2	1	2	1	2	1	-	1	-	-	-	1	-	-	-	-
1501 - 1750	90	-	-	1	1	3	5	4	8	7	5	6	6	4	4	3	3	2	3	6	1	3	4	2	2	-	1	1	1	2	1	1	-	-	-	-
1751 - 2000	130	-	-	-	-	1	4	9	7	18	8	8	11	6	9	8	7	5	6	2	3	1	-	1	4	2	2	1	1	2	3	-	-	-	1	-
2001 - 2250	259	-	-	-	-	3	6	8	20	20	24	24	21	20	24	12	3	18	4	7	8	7	7	3	5	6	1	3	-	-	-	1	1	1	2	-
2251 - 2500	609	-	1	-	1	4	18	31	41	41	50	47	59	46	45	37	22	23	21	20	10	17	14	5	15	9	8	5	6	4	2	4	2	1	-	-
2501 - 2750	1,385	-	-	2	6	14	42	54	97	93	126	90	116	104	100	85	77	54	60	39	35	25	24	28	22	18	21	14	11	7	7	7	3	1	3	-
2751 - 3000	2,089	-	-	-	7	21	49	89	128	160	147	168	177	161	157	123	99	95	80	73	51	44	46	44	27	28	22	24	17	19	14	7	3	5	4	-
3001 - 3250	3,098	-	-	3	9	35	76	121	189	214	286	254	215	224	203	191	155	120	140	109	81	84	76	69	59	52	30	36	27	8	12	10	6	3	1	-
3251 - 3500	2,907	-	-	-	12	30	77	125	150	216	242	226	199	193	193	176	164	143	116	115	77	84	71	47	53	43	32	38	25	25	14	8	9	1	3	-
3501 - 3750	2,027	-	-	4	9	27	34	79	115	144	151	113	141	155	134	121	110	112	93	74	62	56	45	39	44	36	30	33	20	12	6	13	5	3	6	1
3751 - 4000	1,050	-	-	2	3	6	19	39	52	59	53	57	66	72	71	60	63	69	40	46	42	44	21	28	25	26	15	18	22	10	7	6	5	1	3	-
4001 - 4250	415	-	-	-	2	3	3	21	11	27	27	26	21	30	28	15	29	22	12	18	19	15	10	8	10	8	15	7	7	6	2	6	1	3	3	-
4251 - 4500	158	-	-	-	1	3	4	4	5	7	11	11	3	12	10	7	5	10	10	6	9	8	2	7	1	2	3	4	6	3	1	1	1	-	1	-
4501 - 4750	67	-	-	-	-	-	-	-	2	-	6	2	5	5	5	6	2	1	7	3	3	1	-	-	3	3	2	3	4	1	1	1	1	-	-	-
4751 - 5000	20	-	-	-	-	1	-	-	-	-	-	-	2	-	1	2	-	-	1	-	1	1	-	4	1	-	1	1	1	-	2	-	-	1	-	-
5001 - 5250	9	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	1	1	1	-	-	1	1	-	-	-	1	-	-	-	-
5251 - 5500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5501 - 5750	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
5751 - 6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6001 - 6250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6251 - 6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6501 +	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	14	-	-	-	-	-	-	-	1	3	-	1	-	1	1	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2

TABLE 36
MARRIAGES BY MONTH OF MARRIAGE, 1968, ALBERTA

	TOTAL	13,640	
January	490	July	1,266
February	690	August	1,994
March	724	September	1,026
April	934	October	1,221
May	1,150	November	1,310
June	1,812	December	1,023

TABLE 37
MARRIAGES - AGES OF BRIDEGROOMS AND BRIDES, ALBERTA, 1968

Age of bridegroom	Total bride-grooms	Age of bride																																												
		Under 12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50-54	55-59	60-64	65-69	70-74	75 & over	Not stated
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	8	-	-	-	-	1	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	56	-	-	-	-	2	16	17	11	6	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	270	-	-	-	1	6	51	66	75	43	14	7	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	688	-	-	-	-	11	62	109	212	167	85	30	8	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	1,324	-	-	-	-	7	64	154	282	355	273	112	52	10	6	4	1	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	1,887	-	-	-	-	11	45	111	341	447	413	346	89	40	15	7	9	6	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	1,563	-	-	-	1	8	33	64	173	264	334	359	163	77	39	12	14	15	-	2	1	1	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	1,328	-	-	-	-	2	14	54	116	209	242	243	203	111	57	27	20	7	13	7	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	1,184	-	-	-	1	-	10	29	82	151	212	213	157	122	92	42	27	12	11	4	4	7	2	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	901	-	-	-	-	3	7	23	62	84	134	146	132	94	75	50	37	20	12	9	7	1	1	-	1	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	671	-	-	-	-	-	6	12	37	56	68	103	94	73	67	41	43	19	19	10	7	8	4	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	486	-	-	-	-	1	6	16	22	26	59	57	63	50	58	38	26	20	12	8	3	10	6	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	335	-	-	-	-	-	1	9	12	13	33	42	36	30	28	31	25	24	15	5	5	7	2	1	5	2	1	1	1	-	3	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-
29	303	-	-	-	-	-	-	6	14	13	20	29	38	33	26	19	22	15	18	10	12	7	7	2	3	-	3	3	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	261	-	-	-	-	-	-	2	6	8	15	20	28	21	25	22	19	22	19	13	9	7	3	4	3	3	1	2	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
31	191	-	-	-	-	-	2	-	4	6	10	19	16	21	9	17	12	15	16	8	8	9	5	2	4	1	1	1	-	2	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
32	207	-	-	-	-	-	-	2	3	7	12	10	14	12	15	21	19	14	18	14	5	8	8	4	3	2	2	3	2	4	1	1	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-
33	163	-	-	-	-	-	-	1	7	7	9	10	7	15	19	9	6	14	7	4	4	10	10	4	1	3	4	2	2	3	2	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
34	125	-	-	-	-	1	-	2	4	4	9	2	5	10	5	6	9	6	10	7	2	9	7	9	6	3	4	1	-	-	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
35	125	-	-	-	-	-	-	1	1	5	5	12	7	6	5	4	10	7	8	7	6	10	1	4	4	6	1	5	3	2	-	2	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-
36	134	-	-	-	-	-	-	-	-	3	5	10	3	2	8	12	6	12	6	7	10	3	6	7	5	9	3	6	1	1	3	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-
37	114	-	-	-	-	-	1	1	-	6	1	6	4	2	4	7	4	6	10	5	4	4	1	5	6	6	3	4	3	3	5	1	3	-	-	6	-	1	-	2	-	-	-	-	-	-	-
38	92	-	-	-	-	-	-	-	1	1	1	2	1	6	4	4	7	2	4	5	3	4	4	2	5	4	4	-	3	6	5	5	3	2	2	-	1	-	1	-	-	-	-	-	-	-	-
39	87	-	-	-	-	-	-	-	-	-	2	2	3	4	4	3	1	4	3	2	2	9	4	5	3	4	6	3	5	3	4	3	2	2	3	-	-	-	-	1	-	-	-	-	-	-	-
40	77	-	-	-	-	-	-	-	1	2	1	4	-	1	3	5	3	3	-	2	3	4	1	6	4	5	3	1	6	1	6	3	3	-	2	1	1	1	1	-	-	-	-	-	-	-	-
41	85	-	-	-	-	-	-	-	1	-	1	1	-	1	-	1	3	2	4	3	6	3	2	7	1	3	4	4	3	3	6	4	2	10	2	1	2	2	-	1	-	2	-	-	-	-	-
42	64	-	-	-	-	-	1	-	-	1	1	1	2	-	2	2	1	3	-	1	3	-	1	2	2	3	5	-	5	4	3	2	1	6	1	2	2	4	-	2	1	-	-	-	-	-	-
43	71	-	-	-	-	-	-	-	-	-	2	1	1	-	-	3	-	3	2	2	4	2	2	4	2	2	2	4	1	3	5	5	2	3	2	3	-	2	3	1	5	-	-	-	-	-	-
44	63	-	-	-	-	-	-	1	-	-	1	-	-	-	3	-	2	-	1	1	4	2	3	2	1	1	2	1	4	1	3	5	4	5	6	1	1	3	-	-	2	2	1	-	-	-	-
45	60	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	2	1	-	-	-	3	-	5	-	2	1	2	2	3	3	1	2	3	6	7	4	2	2	2	1	3	-	-	-	-	-
46	53	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	1	1	1	1	-	-	4	1	3	2	1	2	3	3	2	2	2	5	5	3	-	1	5	1	-	-	-	-	-
47	45	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1	2	-	1	1	-	-	1	3	2	-	5	2	2	2	1	2	2	2	1	1	1	1	8	1	-	-	-	-	-
48	47	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	1	2	-	-	1	3	-	1	1	-	-	1	4	5	3	3	1	2	3	2	2	6	3	-	-	-	-	-
49	32	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	-	-	2	-	-	2	1	1	1	3	1	3	1	1	1	1	1	2	1	4	1	1	-	-	-	-
50-54	169	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	1	-	1	3	1	2	2	1	3	1	2	9	5	9	5	6	7	7	8	12	9	6	42	17	5	1	-	-	-
55-59	122	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	1	2	-	1	3	1	-	5	2	5	2	9	5	7	2	34	21	12	3	1	-	-
60-64	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	3	-	1	1	1	2	1	-	18	30	12	6	1	1	-
65-69	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	1	3	-	-	7	11	30	16	3	-	-
70-74	45	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	8	13	12	5	3	-
75-79	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	3	9	5	6	-
80 and over	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	2	4	11	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total brides	13,640	-	-	-	3	53	322	683	1,469	1,886	1,966	1,792	1,132	747	574	391	330	258	216	140	121	139	84	88	73	67	67	49	57	57	74	60	48	52	48	43	44	46	30	23	138	103	77	49	20	21	-

TABLE 38
MARRIAGES, MARITAL STATUS OF BRIDEGROOM BY STATUS OF BRIDE, 1968

	Total Marriages	Marriages between								
		Bachelors and			Widowers and			Divorced Men and		
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women
Canada	171,766	150,633	2,586	4,090	1,758	3,865	729	4,392	1,021	2,692
Newfoundland	4,242	4,068	53	8	38	59	1	12	3	-
Prince Edward Island	750	701	15	6	6	11	2	6	-	3
Nova Scotia	6,284	5,519	103	159	60	128	29	163	37	86
New Brunswick	5,389	4,822	89	101	48	138	12	96	23	60
Quebec	46,004	42,991	585	259	594	975	53	389	45	113
Ontario	62,109	53,698	964	1,679	596	1,515	329	1,850	426	1,052
Manitoba	8,291	7,290	134	214	98	168	29	202	45	111
Saskatchewan	7,747	7,005	125	141	62	129	26	163	35	61
Alberta	13,640	11,179	214	624	90	264	86	632	138	413
British Columbia	16,914	13,029	300	881	159	476	161	853	267	788
Yukon	170	129	1	12	1	-	1	20	2	4
Northwest Territories	226	202	3	6	6	2	-	6	-	1

TABLE 39
MARRIAGES, MARITAL STATUS BY AGE OF BRIDEGROOM, 1968

AGES	MARITAL STATUS			
	Total	Bachelors	Widowers	Divorced Men
Under 20 years	1,022	1,021	-	1
20 - 24 years	7,286	7,200	3	83
25 - 29 years	2,696	2,427	11	258
30 - 34 years	947	681	15	251
35 - 39 years	552	317	32	203
40 - 44 years	360	171	39	150
45 - 49 years	237	79	42	116
50 - 54 years	169	53	53	63
55 - 59 years	122	33	59	30
60 - 64 years	82	16	50	16
65 - 69 years	75	8	59	8
70 - 74 years	45	7	35	3
75 and over	47	4	42	1
TOTAL	13,640	12,017	440	1,183

TABLE 40
MARRIAGES, MARITAL STATUS BY AGE OF BRIDE, 1968

AGES	MARITAL STATUS			
	Total	Spinsters	Widows	Divorced Women
Under 20 years	4,416	4,408	3	5
20 - 24 years	6,211	5,993	20	198
25 - 29 years	1,335	1,017	37	281
30 - 34 years	505	242	34	229
35 - 39 years	297	107	46	144
40 - 44 years	282	65	78	139
45 - 49 years	186	31	88	67
50 - 54 years	138	19	84	35
55 - 59 years	103	14	72	17
60 - 64 years	77	4	68	5
65 - 69 years	49	-	47	2
70 - 74 years	20	-	19	1
75 and over	21	1	20	-
TOTAL	13,640	11,901	616	1,123

TABLE 41
MARRIAGES, BIRTHPLACE OF GROOM BY BIRTHPLACE OF BRIDE, ALBERTA, 1968

Birthplace of groom	Total grooms	Birthplace of bride																		
		Canada												Province unspecified	British Isles and Possessions	Europe	Asia	United States	Other	Unspecified
		Total	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.							
Canada	11,301	10,286	15	18	106	41	98	365	405	1,196	7,568	449	5	20	-	424	429	15	135	11	1
Newfoundland	36	29	2	-	-	-	2	1	1	4	18	1	-	-	-	2	4	-	1	-	-
Prince Edward Island	35	33	1	1	1	-	-	2	2	6	17	3	-	-	-	1	-	-	1	-	-
Nova Scotia	147	135	2	-	13	1	-	6	7	16	82	7	-	1	-	4	7	-	1	-	-
New Brunswick	50	44	-	1	-	5	1	4	2	6	24	1	-	-	-	2	2	-	2	-	-
Quebec	147	128	-	-	1	-	14	5	5	17	81	5	-	-	-	6	8	1	4	-	-
Ontario	630	545	-	1	16	5	9	55	32	70	336	20	-	1	-	47	27	1	9	1	-
Manitoba	555	481	-	1	7	2	2	22	64	52	303	27	-	1	-	28	31	1	12	2	-
Saskatchewan	1,503	1,362	1	5	14	5	11	55	65	312	827	65	-	2	-	52	68	3	16	2	-
Alberta	7,622	7,005	6	9	48	20	56	191	196	654	5,531	275	5	14	-	259	259	8	84	6	1
British Columbia	560	508	3	-	6	3	3	23	30	56	339	45	-	-	-	23	23	1	5	-	-
Yukon	3	3	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-
Northwest Territories	13	13	-	-	-	-	-	1	1	2	8	-	-	1	-	-	-	-	-	-	-
Province unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Isles and possessions	646	451	3	-	6	2	10	26	22	63	298	20	-	1	-	144	26	10	14	1	-
Europe	1,211	676	4	3	8	2	6	33	33	86	474	26	1	-	-	59	446	9	18	3	-
Asia	124	17	-	-	-	-	1	-	2	2	11	1	-	-	-	10	5	90	1	1	-
United States	333	217	2	-	2	-	3	18	8	26	150	7	1	-	-	12	9	1	93	1	-
Other	21	16	-	-	1	-	-	1	-	4	10	-	-	-	-	2	-	-	-	3	-
Unspecified	4	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	1
Total	13,640	11,664	24	21	123	45	118	443	470	1,377	8,512	503	7	21	-	652	915	126	261	20	2

TABLE 42

MARRIAGES - RELIGIOUS DENOMINATION OF GROOM BY RELIGIOUS DENOMINATION OF BRIDE, ALBERTA, 1968

Religious denomination of Groom	Total grooms	Religious denomination of Bride																																							
		Adventists	Anglicans	Apostolic bodies	Baptists	Brethren including United	Christadelphians	Christians	Christian Missionary Alliance	Christian Scientists	Churches of Christ (Disciples)	Church of God	Doukhobors	Eastern Orthodox Churches	Evangelicals	Gospel bodies	Greek Catholic Churches	Holiness Movement	International Bible Students	Jewish	Lutherans	Mennonites	Methodists	Moravian Church	Mormons	Non-denominational	Oriental religions	Pentecostal Assemblies	Plymouth Brethren	Presbyterians	Reformed Churches (Christian)	Roman Catholic	Salvation Army	Society of Friends	Spiritualists	Swedenborgians	Unitarians	United Church of Canada	Other religions	Non-religious denominations	Unspecified or unknown
Adventists	41	23	-	1	1	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	2	-	-	-	1	-	-	1	-	-	-	3	-	-	-	-	-	6	-	-	-
Anglicans	1,530	7	447	1	30	1	-	1	3	2	4	-	-	22	5	1	13	-	4	3	92	10	3	1	17	16	-	8	-	64	4	256	5	1	1	-	1	487	1	14	5
Apostolic bodies	13	-	1	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-
Baptists	390	1	35	1	116	2	-	-	2	1	1	1	-	6	5	1	2	-	1	-	19	5	1	1	7	5	-	12	1	17	-	41	-	-	-	-	-	101	1	2	2
Brethren including United	28	1	2	-	-	4	-	-	-	-	-	1	-	-	1	-	-	-	-	-	5	3	-	-	-	-	-	2	-	1	-	2	1	-	-	-	-	5	-	-	-
Christadelphians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christians	19	-	1	-	1	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	5	-	-	-
Christian Missionary Alliance	51	-	3	-	5	-	-	-	23	-	-	-	-	-	2	-	-	-	-	-	2	1	-	1	-	-	-	2	1	1	-	2	1	-	-	1	-	5	-	-	1
Christian Scientists	6	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-
Churches of Christ (Disciples)	36	-	3	-	-	-	-	-	-	-	10	-	-	1	-	-	-	-	-	-	4	1	-	-	-	2	-	1	-	3	-	3	-	-	-	-	-	7	-	1	-
Church of God	21	-	3	-	2	-	-	-	1	-	-	5	-	-	1	-	-	-	-	-	1	-	1	-	-	1	-	2	-	-	-	3	-	-	-	-	-	1	-	-	-
Doukhobors	4	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Eastern Orthodox Churches	419	-	25	-	5	1	-	-	1	-	-	-	-	154	2	-	38	-	3	-	23	-	-	-	5	1	-	5	-	5	2	65	-	-	-	-	-	79	-	3	2
Evangelicals	68	-	4	-	4	-	-	-	2	-	-	-	-	1	28	1	-	-	-	-	4	-	-	-	4	1	-	1	-	3	-	7	-	-	-	-	-	8	-	-	-
Gospel bodies	7	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
Greek Catholic Churches	315	-	14	-	2	-	-	-	-	-	1	-	-	23	-	-	114	-	-	-	10	-	1	-	3	3	-	-	-	5	-	101	-	-	-	-	-	36	-	2	-
Holiness Movement	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
International Bible Students	67	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	54	-	1	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	3	-	2	-
Jewish	47	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	3	-
Lutherans	1,028	5	110	-	23	5	-	-	4	2	-	3	-	8	8	-	6	-	5	1	347	2	3	1	16	15	-	11	1	21	5	155	2	-	-	-	1	257	-	10	1
Mennonites	180	-	5	-	4	2	-	-	3	-	-	-	-	-	1	-	1	-	-	-	10	113	1	-	-	1	-	3	-	-	-	15	-	-	-	-	-	20	-	1	-
Methodists	41	-	7	-	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	5	-	2	-	-	2	-	1	-	7	-	-	-	-	-	12	-	-	-
Moravian Church	13	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-	1	-	-	-	-	-	4	-	1	-
Mormons	322	-	10	-	4	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	6	-	-	-	211	2	1	1	-	7	-	24	1	-	-	-	-	51	-	2	-
Non-denominational	471	-	36	1	9	-	-	1	1	1	-	-	-	7	3	-	2	-	2	-	19	1	1	1	5	205	-	7	-	7	3	71	2	-	-	-	1	78	1	6	-
Oriental religions	62	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	39	-	-	-	-	9	-	-	-	-	-	4	3	-	-
Pentecostal Assemblies	208	-	11	-	5	-	-	1	1	-	1	-	-	2	3	-	1	-	1	-	9	-	2	-	2	2	-	102	2	4	1	19	1	-	-	-	-	36	-	2	-
Plymouth Brethren	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-	-	-	-	2	-	-	-
Presbyterians	389	1	59	-	9	1	-	-	1	1	-	1	-	5	1	-	4	-	2	-	20	2	-	-	2	7	1	6	-	66	1	58	2	-	-	-	-	133	-	6	-
Reformed Churches (Christian)	185	-	9	-	1	-	-	1	-	-	-	-	-	1	2	-	2	-	-	-	11	-	-	-	3	2	-	2	1	4	96	21	-	-	-	-	-	24	1	1	3
Roman Catholics	3,046	6	229	-	47	4	-	-	4	1	3	5	1	47	12	1	58	-	4	3	124	9	5	-	28	53	1	17	-	63	8	1,727	4	-	-	-	-	551	-	30	1
Salvation Army	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	1	2	15	-	-	-	-	7	-	-	-
Society of Friends	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	2	-
Spiritualists	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Swedenborgians	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Unitarians	10	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3	3	-	-	-
United Church of Canada	4,098	9	440	4	66	3	-	2	4	-	10	5	-	60	13	1	31	1	5	-	264	11	4	4	56	33	-	36	-	94	9	575	10	1	-	-	2	2,314	2	24	5
Other religions	18	-	1	-	-	-	-	-	-	-	2	-	-	-	1	-	2	-	-	-	1	1	1	-	1	1	-	-	-	-	-	1	-	-	-	-	-	3	3	-	-
Non-religious denominations	419	1	44	-	7	-	-	-	2	-	-	1	-	3	-	-	1	-	1	1	18	3	2	3	8	9	-	1	-	4	2	100	-	-	-	-	1	93	1	113	-
Unspecified or unknown	40	-	10	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	1	4	-	-	-	-	-	11	-	-	9
Total brides	13,640	54	1,523	15	347	23	1	16	53	10	33	23	4	342	90	6	277	1	83	44	1,001	163	31	16	372	363	42	227	10	372	133	3,287	44	2	3	2	9	4,351	13	225	29

TABLE 43
STILLBIRTHS BY SEX AND PERIOD OF GESTATION, ALBERTA, 1968

PERIOD OF GESTATION	MALE	FEMALE
20 weeks	3	7
21 weeks	3	2
22 weeks	4	2
23 weeks	3	3
24 weeks	8	7
25 weeks	4	3
26 weeks	3	5
27 weeks	5	2
28 weeks	3	5
29 weeks	2	-
30 weeks	7	3
31 weeks	4	3
32 weeks	9	9
33 weeks	5	4
34 weeks	6	5
35 weeks	13	14
36 weeks	18	13
37 weeks	8	10
38 weeks	16	12
39 weeks	18	9
40 weeks	21	12
41 weeks	3	6
42 weeks	3	3
43 weeks	2	4
44 weeks	1	-
45 weeks	-	-
46 weeks	-	-
47 weeks	-	-
48 weeks	-	-
Not Stated	3	-
Total 28+ weeks	142	112
Total 20+ weeks	175	143

TABLE 44
RATIO OF MALE TO FEMALE BIRTHS AND OF BIRTHS TO DEATHS

Year	Births of Males to 1,000 Births of Females	Ratio of Births to Deaths	Year	Births of Males to 1,000 Births of Females	Ratio of Births to Deaths
1905	1,059	3.13	1940	1,033	2.79
1906	1,094	2.07	1941	1,054	2.71
1907	1,075	2.96	1942	1,058	3.02
1908	1,077	2.73	1943	1,041	2.96
1909	1,086	2.59	1944	1,060	3.06
1910	1,065	2.69	1945	1,061	3.08
1911	1,103	2.43	1946	1,036	3.36
1912	1,084	2.43	1947	1,061	3.76
1913	1,053	2.67	1948	1,049	3.44
1914	1,081	3.30	1949	1,051	3.52
1915	1,000	3.74	1950	1,052	3.74
1916	1,063	3.29	1951	1,039	3.76
1917	1,061	3.25	1952	1,058	3.95
1918	1,069	1.88	1953	1,063	4.10
1919	1,074	2.56	1954	1,073	4.60
1920	1,055	2.92	1955	1,066	4.31
1921	1,055	3.32	1956	1,060	4.48
1922	1,034	3.06	1957	1,055	4.32
1923	1,072	3.13	1958	1,064	4.47
1924	1,036	2.97	1959	1,056	4.49
1925	1,036	2.97	1960	1,056	4.38
1926	1,053	2.80	1961	1,045	4.39
1927	1,065	2.94	1962	1,039	4.18
1928	1,064	2.75	1963	1,056	4.07
1929	1,042	2.71	1964	1,048	3.81
1930	1,027	3.21	1965	1,074	3.42
1931	1,075	3.25	1966	1,035	3.16
1932	1,052	3.08	1967	1,044	3.22
1933	1,053	3.01	1968	1,077	3.02
1934	1,032	3.04			
1935	1,055	2.81			
1936	1,049	2.57			
1937	1,019	2.38			
1938	1,046	2.70			
1939	1,046	2.85			

TABLE 45
DIVORCES AND NULLITIES, BY JUDICIAL DISTRICTS FOR THE YEAR 1968, ALBERTA

JUDICIAL DISTRICTS	Total Number of Divorces	DIVORCES CANADA (1968)			DIVORCES Divorce & Matrimonial Causes Act			NULLITIES		
		Number of Divorces	Granted to Husband	Granted to Wife	Number of Divorces	Granted to Husband	Granted to Wife	Number of Nullities	Granted to Husband	Granted to Wife
Edmonton	845	55	15	40	790	274	516	3	-	3
Calgary	840	86	23	63	754	247	507	8	3	5
Lethbridge	81	14	5	9	67	24	43	1	1	-
Medicine Hat	28	8	3	5	20	7	13	-	-	-
Peace River	5	-	-	-	5	1	4	-	-	-
Grande Prairie	23	5	3	2	18	12	6	-	-	-
Hanna	2	-	-	-	2	1	1	-	-	-
Red Deer	64	1	-	1	63	24	39	1	1	-
Drumheller	2	-	-	-	2	2	-	-	-	-
Fort Macleod	4	-	-	-	4	2	2	-	-	-
Wetaskiwin	12	1	-	1	11	5	6	-	-	-
TOTALS	1,906	170	49	121	1,736	599	1,137	13	5	8

TABLE 46
DIVORCES AND NULLITIES IN ALBERTA SINCE THE PASSING OF THE ACT

Year	Granted to Husband	Granted to Wife	Total	Year	Granted to Husband	Granted to Wife	Total
1919	3	3	6	1944	245	243	488
1920	74	26	100	1945	302	273	575
1921	53	37	90	1946	494	480	974
1922	80	49	129	1947	404	478	882
1923	57	32	89	1948	302	357	659
1924	66	53	119	1949	262	332	594
1925	9	42	101	1950	249	311	560
1926	79	75	154	1951	255	334	589
1927	83	66	149	1952	239	391	630
1928	91	84	175	1953	228	375	603
1929	77	71	148	1954	224	384	608
1930	64	87	151	1955	233	394	627
1931	69	87	156	1956	278	410	688
1932	68	81	149	1957	317	409	726
1933	56	79	135	1958	295	457	752
1934	62	106	168	1959	343	509	852
1935	74	135	209	1960	399	566	965
1936	74	135	209	1961	381	675	1,056
1937	102	139	241	1962	411	690	1,101
1938	105	162	267	1963	513	769	1,282
1939	104	163	267	1964	504	896	1,400
1940	119	154	273	1965	474	888	1,362
1941	135	176	311	1966	539	1,028	1,567
1942	179	201	380	1967	630	1,127	1,757
1943	190	223	413	1968	653	1,266	1,919

TABLE 47

POPULATION, BIRTHS, MARRIAGES, DEATHS AND RATES FOR THE YEARS 1905 - 1968

Year	Population	Number of Births	Birth Rate	Number of Marriages	Marriage Rate	Number of Deaths	Death Rate	Infantile Death Rate Per 1,000 Births	Maternal Death Rate Per 10,000 Births	Natural Increase
1905	-	421	-	187	-	114	-	-	-	-
1906	185,000	3,003	20.41	927	6.77	1,091	7.36	90.00	-	13.04
1907	236,000	4,732	20.05	1,907	8.08	1,578	6.68	100.27	63.3	13.36
1908	266,000	5,973	22.45	2,032	7.63	2,188	8.22	126.57	60.2	14.22
1909	301,000	6,897	22.91	2,384	7.92	2,662	8.81	-	-	14.07
1910	336,000	8,321	24.49	3,086	9.18	3,526	10.49	129.49	86.3	14.00
1911	374,000	8,813	23.56	3,630	9.70	3,618	9.67	134.46	97.5	13.88
1912	400,000	10,284	25.71	4,429	11.07	4,232	10.58	124.75	82.6	15.13
1913	429,000	11,871	28.47	5,053	12.12	4,432	10.63	120.47	70.7	17.84
1914	459,000	13,685	30.75	4,623	10.39	4,417	9.32	100.54	61.3	21.43
1915	480,000	13,452	28.90	4,202	9.06	3,588	7.73	87.9	57.9	21.26
1916	496,000	13,331	27.87	4,230	8.53	4,058	8.18	90.5	72.0	18.69
1917	508,000	13,576	27.01	4,270	8.54	4,047	8.09	87.30	64.8	18.92
1918	522,000	14,890	25.72	4,048	6.98	7,924	13.86	107.10	55.1	11.86
1919	522,000	14,130	23.95	4,718	7.90	5,507	9.33	110.30	64.4	14.62
1920	565,000	16,565	26.72	5,110	8.24	5,675	9.15	93.70	83.8	17.57
1921	588,000	16,414	27.89	4,661	7.92	4,940	8.39	85.65	72.4	19.50
1922	592,000	16,163	26.44	4,272	6.99	5,281	8.62	91.93	66.8	17.83
1923	593,000	15,153	25.75	4,177	6.09	4,843	8.06	90.54	55.0	18.75
1924	597,000	14,598	24.74	4,160	7.50	4,907	8.30	82.40	61.8	16.42
1925	602,000	15,014	25.02	4,363	7.27	4,717	7.86	72.90	57.6	16.16
1926	608,000	14,455	23.79	4,498	7.40	5,156	8.49	81.63	58.2	15.31
1927	623,000	14,897	24.03	4,707	7.58	5,059	8.16	74.51	63.8	15.87
1928	658,000	15,692	24.79	5,776	9.12	5,699	9.00	76.50	67.5	15.79
1929	684,000	16,924	26.19	6,004	9.29	6,239	9.65	77.40	72.6	16.54
1930	708,000	17,649	26.74	5,334	8.08	5,396	8.33	63.57	64.6	18.41
1931	732,000	17,252	23.57	5,142	7.02	5,302	7.24	69.38	50.4	16.32
1932	740,000	16,990	22.96	5,054	6.83	5,521	7.46	58.68	37.7	15.50
1933	748,000	16,123	21.33	5,389	7.10	5,346	7.07	59.90	45.3	14.24
1934	756,000	16,236	21.10	6,053	7.87	5,337	6.93	54.89	49.9	14.01
1935	770,000	16,183	21.0	6,010	7.7	5,729	7.3	57.8	42.6	14.0
1936	772,782	15,786	20.4	6,020	7.8	6,147	8.0	60.0	57.6	12.5
1937	778,000	15,903	20.4	6,345	8.2	6,261	8.0	63.0	48.4	12.4
1938	783,000	15,891	20.3	6,993	8.9	5,871	7.5	51.0	42.8	12.8
1939	789,000	16,470	20.9	7,838	9.9	5,789	7.3	46.0	35.8	13.6
1940	790,000	17,359	21.8	8,782	11.0	6,203	7.8	48.0	39.7	14.1
1941	796,169	17,308	21.7	8,470	10.7	6,385	8.0	51.0	31.2	13.7
1942	805,000	18,317	22.7	9,034	11.2	6,091	7.5	38.0	23.5	15.2
1943	792,000	19,290	24.3	7,771	9.8	7,345	7.6	30.0	27.0	22.4
1944	818,000	19,373	23.7	7,299	8.9	6,524	8.2	42.0	16.0	16.1
1945	826,000	19,939	24.1	7,310	8.8	6,320	7.7	46.0	24.1	16.0
1946	803,330	22,184	27.6	9,478	11.8	6,454	7.8	43.0	14.4	16.2
1947	822,000	24,631	30.0	8,797	10.7	6,601	8.2	42.5	8.9	19.3
1948	846,000	24,075	28.5	8,844	10.5	6,543	8.0	37.0	12.0	22.0
1949	871,000	24,935	28.7	9,037	10.4	6,987	8.0	39.0	10.0	20.2
1950	895,000	25,625	28.7	9,294	10.4	7,083	8.2	33.0	7.4	20.5
1951	939,501	27,003	28.7	9,305	9.9	6,856	7.7	32.0	5.6	21.0
1952	970,000	29,105	30.0	9,514	9.8	7,646	7.6	30.0	5.2	23.7
1953	1,002,000	31,376	31.3	10,126	10.1	7,167	7.6	30.0	6.7	21.1
1954	1,039,000	33,593	32.3	9,960	9.6	7,520	7.2	26.0	3.3	22.3
1955	1,066,000	34,357	32.2	9,844	9.2	7,956	7.5	26.0	4.4	23.1
1956	1,123,116	34,951	31.1	9,965	8.9	7,786	6.9	25.0	4.0	24.2
1957	1,160,000	35,719	30.8	10,117	8.7	8,255	7.1	27.0	3.4	23.7
1958	1,201,000	36,842	30.7	10,186	8.5	8,237	6.9	25.0	4.6	23.8
1959	1,243,000	38,080	30.6	10,402	8.4	8,481	6.8	24.0	3.7	23.8
1960	1,283,000	39,009	30.4	10,482	8.2	8,888	6.9	26.2	1.8	23.5
1961	1,331,944	38,914	29.2	10,474	7.9	8,863	6.7	27.0	2.3	22.5
1962	1,370,000	38,804	28.3	10,423	7.6	9,264	6.8	25.0	4.1	21.5
1963	1,405,000	38,467	27.4	10,163	7.2	9,444	6.7	23.6	2.9	20.7
1964	1,432,000	36,173	25.3	10,634	7.4	9,482	6.6	23.9	2.2	18.7
1965	1,451,000	32,664	22.5	11,029	7.6	9,534	6.6	24.0	1.2	15.9
1966	1,463,203	30,592	20.9	11,879	8.1	9,677	6.6	20.9	2.0	14.3
1967	1,490,000	30,691	20.6	12,903	8.7	9,523	6.4	20.0	1.6	14.2
1968	1,526,000	30,149	19.8	13,640	8.9	9,963	6.5	20.1	2.6	13.3